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GENERAL CATALOGUE
OF

TILTON'S

**Seeds, Bulbs
Farm Supplies
Florists' Supplies**

— FOR —

1903



**A. TILTON & SON,
SEED MERCHANTS,**

— Established 1882 —

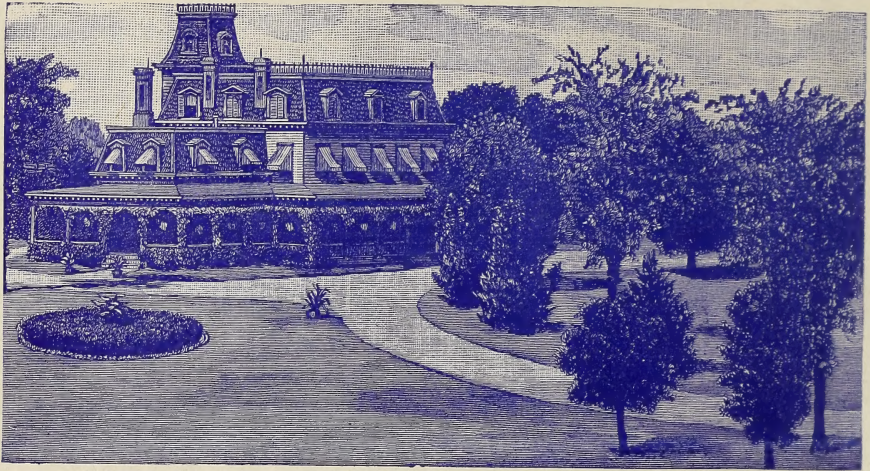
85 & 87 Woodland Ave. CLEVELAND, OHIO.

Make a Handsome Lawn. Nothing More Beautiful About a Hor Can Be Had at Equal Cost.

It is the natural ambition of everyone who has a home, no matter whether it be tenant or la. owner, to have a good, well-kept lawn, and from the humblest cottage to the palace of a king, there's nothing that will add so much to the beauties of the place, or to the pleasures of its occupants at so little cost.

THE DAYS OF USING SOD ARE OVER; there's an easier and a cheaper way of making a lawn, and results are far more satisfactory. It is by sowing

TILTON'S FINE MIXED LAWN GRASS SEED



a pure, clean, heavy mixture of the best varieties of grass that are adapted to produce a compact sod, as soft as velvet, and as green "as the shores of old Erin."

The best example of the results to be obtained by using it, are shown in many of the beautiful lawns along the boulevards, in the parks and cemeteries, and in thousands of the finest private grounds of our city, where it has been used for many years.

There is no other city in the country that can boast of as many beautiful lawns as the "Forest City."

TILTON'S FINE MIXED LAWN GRASS SEED

has been an important factor in the production of these magnificent carpets of green, and when we review our sales, which reach many tons annually, it leaves no question of doubt that it

HAS A REPUTATION ABSOLUTELY ITS OWN.

To those who have never used this mixture of grass seed, we want to make the point more clear that there's more deception practiced in the sale of Lawn Seed, than in any other class of seed sold.

It is true that you can buy lawn seed at any price, but the best is the only kind that's cheap; we know you cannot afford to throw your time and money away experimenting with seed of questionable quality, and we are frank to tell you—GET THE BEST; it costs but little more to begin with, but the results are the kind you are looking for.

To those who have used Tilton's Fine Mixed Lawn Grass Seed, nothing need be said. Its success proves its merit.

Our experience, covering a period of many years, in making lawn mixtures, enters into the preparation of this mixture to the fullest extent.

If we ever put time, thought and money into the production of an article upon which to stake our reputation as reliable seedsmen, it is

TILTON'S FINE MIXED LAWN GRASS SEED.

There is nothing in it but the choicest grades of seed, thoroughly re-cleaned and free from weeds or foreign seed.

We conscientiously assert that you cannot get a better mixture of seed than ours, at double the price we ask for it.

PURELY HONEST GOODS AT HONEST VALUE.

It is One of Our Specialties; a corner-stone of our business, Backed by Our Reputation.

PRICE:—Per lb., 25c.; 5 lbs., \$1.00; 18 lbs. for \$3.00

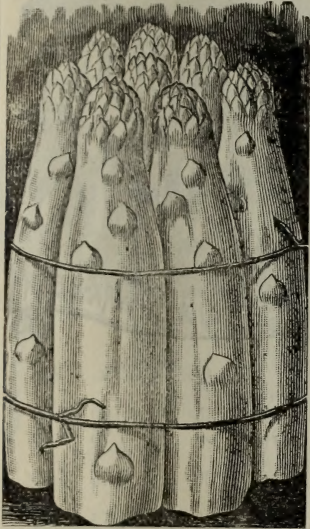
For Lawn Fertilizers, see page 44

FULL INSTRUCTIONS HOW TO MAKE A LAWN ON EVERY PACKAGE

If by Mail add 8c. per lb. for postage



We pay postage on packets, ounces and quarter pounds of flower and vegetable seeds.
 On all seeds in bulk, when desired by mail, add to catalogue prices for prepayment of postage or express charges 8 cents per pound on seeds by weight, 8 cents per pint, 15 cents per quart on Peas and Beans; 5 cents per pint, 10 cents per quart on Corn.
 When seeds are ordered to be mailed at bulk prices and the remittance does not include a sufficient amount to cover cost of postage, we must reduce the quantity to correspond with remittance.



ASPARAGUS.

Per Packet, any variety, 5 cts.	Oz.	¼ lb.	Lb.
Conover's Colossal. A standard sort; color deep green, quality good .....	.05	.15	.40
Palmetto. Of large size, even and regular in growth and appearance; bright green color.....	.05	.15	.40
Barr's Mammoth. Stalks very large with few scales; of light color. A desirable market variety....	.05	.15	.40
Columbian Mammoth White. Produces pure white shoots; requires no artificial blanching and brings in market better prices than any other sort .....	.05	.15	.50

ASPARAGUS ROOTS.

	Per 100	Per 1000
Colossal. Two years old .....	.50	\$4.50
Palmetto. Two years old .....	.60	5.00
Barr's Mammoth. Two years old .....	.60	5.00
Columbian Mammoth White. Two years old....	.75	6.00

BEANS.—DWARF OR SNAP.

If sent by mail 8 cents per pint, 15 cents per quart must be added for postage.
 Pints at quart prices; one-half pecks at peck prices.

GREEN PODDED VARIETIES.

Per 2-oz. packet, any variety, 5c. Per ½-pint package, any variety, 10c.

Qt. 2Qt. Pk. Bu.

Giant Green Pod Stringless Valentine. A distinct new variety. Round stringless pods; a week earlier and one-third larger than Red Valentine .....	.25	.40	1.25	4.50
Burpee's Stringless Green Pod. One of the earliest of all beans. Long, straight, fleshy pods, perfectly round and absolutely stringless of finest quality .....	.25	.40	1.10	4.00
Improved Early Red Valentine. A profitable sort for private use or market; very early; round fleshy pods .....	.25	.40	1.00	3.75
Emperor William. Very early; extensively used for pickling, large flat pods .....	.25	.40	1.25	4.50
Early Mohawk. The hardiest of any; can be planted earlier than the more tender sorts .....	.25	.40	1.00	3.75
Long Yellow Six Weeks. Early; leading market variety; straight flat pods .....	.25	.40	1.00	3.75
Canadian Wonder. Plants dwarf and compact, pods very long and of perfect form .....	.25	.40	1.00	3.50



CANADIAN WONDER BEAN

Refugees, or 1000 to 1. Late; largely grown for main crop; very productive and tender; highly esteemed for use as picklesqt. .25, 2 qt. .40, pk. 1.00, bu. 3.50

Highest Quality is always our first consideration, and we make our prices as low as good reliable seeds can be sold for.

BEANS.—CONTINUED.

FIELD SORTS.

	Qt.	2Qt.	Pk.	Bu.
California Tree. The most prolific variety for field culture yet known. The beans resemble the Navy .....	.20	.35	\$1.00	\$3.50
Dwarf White Navy. A sure cropper; very prolific .....	.20	.35	1.00	3.50
White Kidney. A superior variety for baking; beans kidney shaped .....	.20	.35	1.00	3.50
White Marrow. Very prolific; beans large, clear white .....	.20	.35	1.00	3.50

WAX PODDED VARIETIES.

Per packet, any variety, 5 cts.

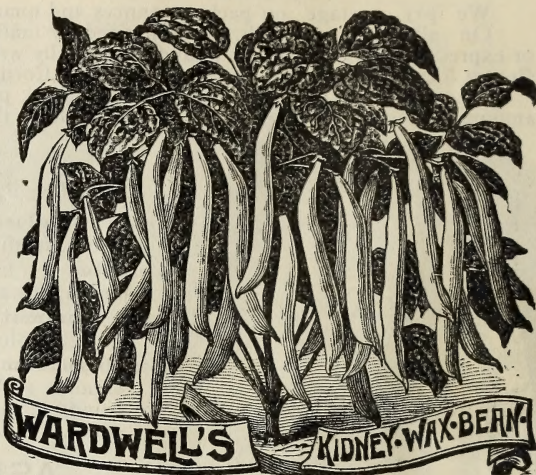
Improved Golden Wax. Very prolific; straight, thick pods of a golden yellow color; free from rustqt. .30, 2 qt. .50, peck 1.75, bu. 6.50

Golden-Eyed Wax. Hardy and prolific; straight, flat yellow pods, qt. .30, 2 qt. .50, peck 1.75, bu. 6.25

Davis Kidney Wax. The best of late introduction. Long, handsome pods; an excellent market bean. qt. .35, 2 qt. .60, peck 2.00, bu. 7.00.

Currie's Rust-Proof Wax.

Early and vigorous; entirely free from rust; pods long, flat, straight, of a golden yellow color. qt. .30, 2 qt. .50, peck 1.75, bu. 6.50.



	Qt.	2Qt.	Pk.	Bu.
Wardwell's Kidney Wax. A great favorite; very hardy, productive; free from rust; long, flat, waxy, yellow pods; early.....	.35	.60	\$2.00	\$7.00
Detroit Wax. Resembles Golden Wax, but is less liable to rust...	.30	.50	1.75	6.25
Golden Wax. A popular and distinct variety; pods large, long and entirely stringless.....	.30	.50	1.75	6.50
German Black Wax. A well-known variety, producing short, round curved, thick-fleshed pods .....	.30	.50	1.75	6.50
Flageolet Wax. Very showy and productive; pods long, flat curved and twisted, of a golden wax color .....	.30	.50	1.60	6.00

BUSH LIMA.

Per packet, 5 cts.

Burpee's Bush Lima. A bush form of the Large White Lima; grows 18 to 20 inches high; an immense yielder and a sure cropper. Pods large and handsome; beans identical in size and flavor with the Pole Limas..... .30 | .50 | 1.75 | 6.50 |

POLE OR RUNNING.

Per packet, any variety, 5 cts.

Dutch Case Knife. Very early and prolific, with long, flat, irregularly shaped pods. A favorite for pickling30 | .50 | 1.50 | 5.50 |

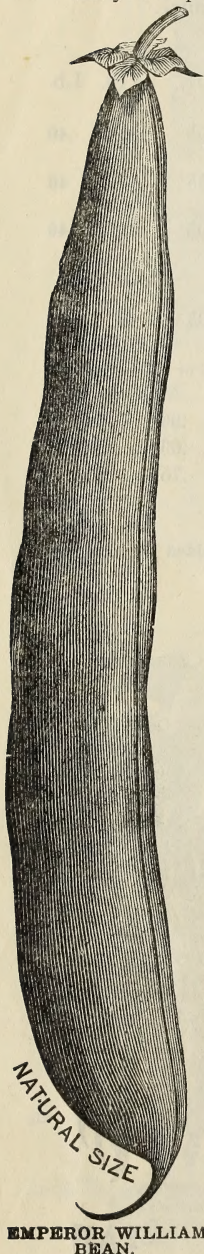
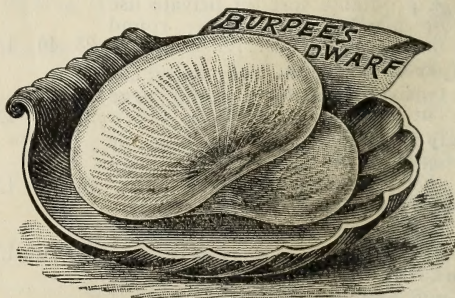
Scarlet Runner. Vines very ornamental with dazzling scarlet flowers; beans large, of best flavor and quality. qt. .30, 2 qt. .50

Early Jersey Lima. Earlier than Large White Lima; vines vigorous and productive. qt. .30, 2 qt. .50, peck 1.60, bu. 6.00

Large White Lima, Extra Size.

Pods large and broad; a well-known sort. The strain we offer is unsurpassed. qt. .30, 2 qt. .50, peck 1.60, bu. 6.00

King of the Garden Lima. Similar to the common Lima, but more productive; pods 6 to 8 in. in length. qt. .30, 2 qt. .50, peck 1.60, bu. 6.00



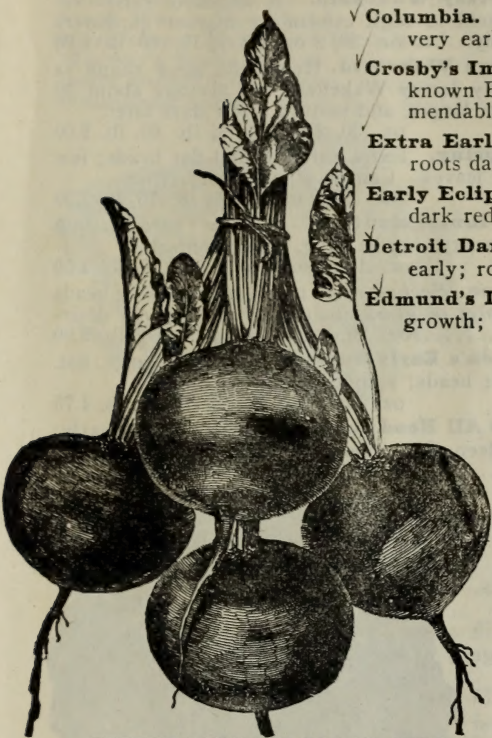
Our reputation as reliable seedsmen is well known. If you want to know anything regarding our financial responsibility ask any Commercial Agency or any Bank, Trust Company or Merchant who subscribes to Dun's or Bradstreet's mercantile reports.

BEE T.

Per packet, any variety, 5 cents.

Oz. ¼ lb. Lb.

- ✓ **Columbia.** Round, smooth skin; deep blood red flesh; very early and of excellent quality..... .10 .15 .40
- ✓ **Crosby's Improved Egyptian.** A selection from the well-known Egyptian Beet; very early and especially commendable for forcing; tops small; deep blood red color. .10 .15 .40
- ✓ **Extra Early Egyptian.** An early variety with small top; roots dark red; flat on top10 .15 .40
- ✓ **Early Eclipse.** Extra early, with small tops; roots round, dark red, zoned with lighter red10 .13 .35
- ✓ **Detroit Dark Red Turnip.** Small upright tops; matures early; roots globular; dark blood red color10 .15 .40
- ✓ **Edmund's Improved Blood Turnip.** Very regular in growth; deep blood red color10 .13 .35
- ✓ **Bastian's Early Blood Turnip.** One of the earliest; roots turnip shaped; light color10 .13 .30
- ✓ **Early Turnip Bassano.** Grows to large size; light color; best variety for greens10 .13 .30
- ✓ **Half Long Blood.** Splendid for winter use. Flesh dark red; never becomes woody10 .13 .30
- ✓ **Long Smooth Blood.** Roots large, dark red. Late variety and a good keeper. .10 .13 .30
- ✓ **Swiss Chard, or Sea Kale Beet.** A distinct vegetable, used for greens or pickles10 .15 .40



DETROIT DARK RED TURNIP BEET.

BEETS FOR CATTLE FEEDING.

- Mammoth Long Red Mangel Wurzel.** A large variety; very productive. 5 lbs., 20 cts. per lb..... .05 .25
- Norbiton Giant Mangel Wurzel.** Very large, with straight, well-formed roots; scarlet color. 5 lbs., 20 cts. per lb... .05 .25
- Golden Tankard Mangel Wurzel.** Roots large, ovoid, yellow. Highly esteemed by best dairymen, 5 lbs., 20 cts. per lb.05 .25



GOLDEN TANKARD
MANGEL WURZEL.

- Vilmorin's Improved Sugar.** Grows to a large size; is useful for sugar-making as well as stock feeding; a greatly improved variety.....oz. .05, lb. .25
- Klein Wanzleben Sugar.** More widely grown than any other; without question the best sort for general cultivation. Grows below the surface, producing a fine, shapely root; the richest in saccharine matter. oz. .05, lb. .25
- White French—Red Top Sugar.** A most desirable variety for feeding stock; hardy and productive. Roots egg-shaped, tinged with red at the top. oz. .05, lb. .25

Special prices on Beet, Mangel and Sugar Beet
Seed in large quantities.

BRUSSELS SPROUTS.

Per packet, 5 cents.

- Perfection.** Produces compact sprouts of excellent quality. Grows about two feet high. oz. 15 cts., 2 ozs. 25 cts., ¼ lb. 40 cts., lb. \$1.25

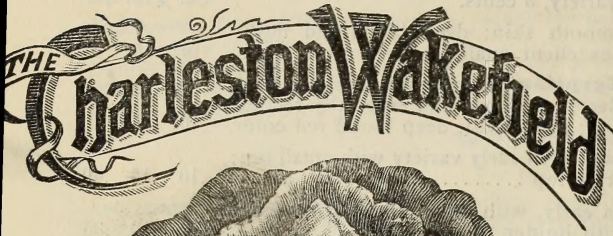


MAMMOTH LONG RED
MANGEL WURZEL.

We execute orders as promptly as possible, and pay as much attention to small orders as we do to large ones.

CABBAGE.

Per packet, any variety, 5 cents.



Early Jersey Wakefield. A standard early variety; held in high esteem by market gardeners generallyoz. .20, 2 oz. .35, ¼ lb. .60, lb. 2.00

Charleston Wakefield. Heads the same shape as the Early Jersey Wakefield, but average about 50 per cent. larger, and mature a few days later.

oz. .20, 2 oz. .35, ¼ lb. .60, lb. 2.00

Early Spring. Extra early; round flat heads; few outside leaves. Can be planted very close.

oz. .25, 2 oz. .40, ¼ lb. .75, lb. 2.50

Early Winningstadt. A popular sure-heading early variety; heads large, solid, conical.

oz. .15, 2 oz. .25, ¼ lb. .40, lb. 1.50

Succession. Second early round-headed sort; heads up evenly; of good quality; in all respects desirable.....oz. .20, 2 oz. .35, ¼ lb. .60, lb. 2.00

Henderson's Early Summer. Produces large, flat, compact heads; second early.

oz. .20, 2 oz. .35, ¼ lb. .50, lb. 1.75

Burpee's All Head Early. A superior second early; heads deep, flat, solid, and uniform in shape and size.....oz. .25, 2 oz. .40, ¼ lb. .65, lb. 2.25

Early Dwarf Flat Dutch. One of the best second earlies. Heads solid, round, flat on top. Resists heat well.

oz. .20, 2 ozs. .35, ¼ lb. .50, lb. 1.75

Fottler's Early Brunswick. Has very short stem; heads large very flat, remarkably compact.

oz. .20, 2 ozs. .35, ¼ lb. .50, lb. 1.75

All Seasons. Valuable for market gardeners; one of the best for second early or late; attains a large size, sure heading.

oz. .20, 2 ozs. .35, ¼ lb. .50, lb. 1.75

Excelsior Late Flat Dutch. An improved strain of Late Flat Dutchoz. .15, 2 ozs. .25, ¼ lb. .40, lb. 1.50

Premium Flat Dutch. Large, remarkably hardy; a standard fall and winter sort....oz. .15, 2 ozs. .25, ¼ lb. .40, lb. 1.50

Surehead. A favorite main crop variety. Forms solid, firm heads of good size.....oz. .20, 2 oz. .35, ¼ lb. .50, lb. 1.75

Filderkraut. Good either for first or second crop; pointed heads....oz. .15, 2 oz. .25, ¼ lb. .40, lb. 1.50

The Lupton. A thoroughbred late cabbage; large heads; splendid keeper.

oz. .20, 2 oz. .35, ¼ lb. .60, lb. 2.00

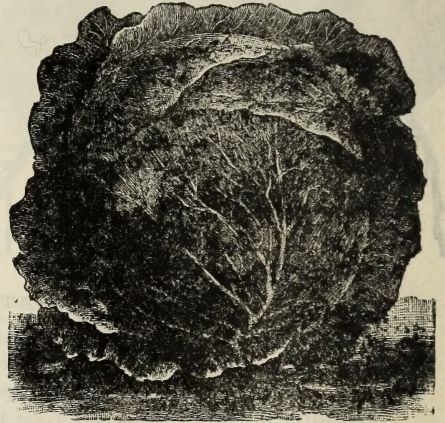
Holland. Deep, solid heads of medium size, and fine white color; remarkable keeper.....oz. .20, 2 oz. .35, ¼ lb. .60, lb. 2.00

Large Late Flat Dutch. Low growing variety, with large, round, solid heads.

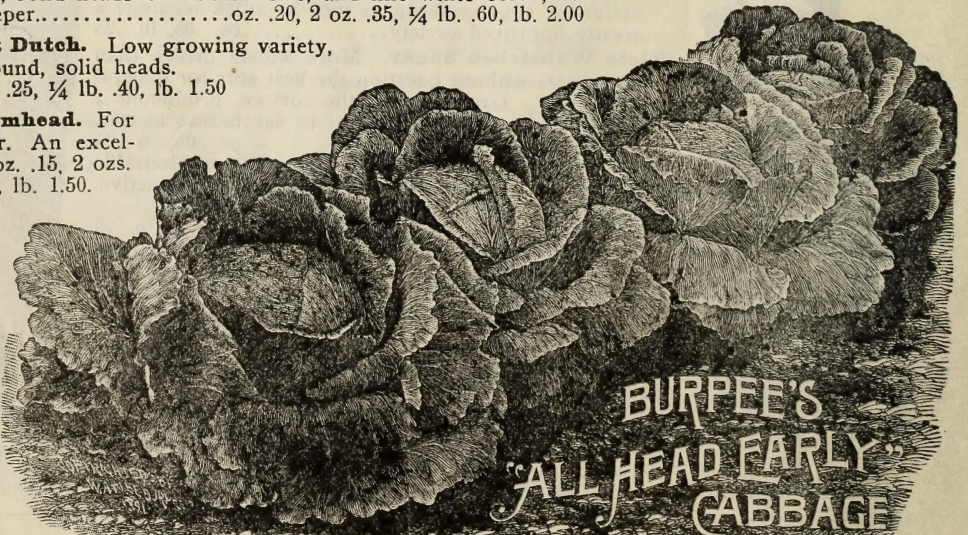
oz. .15, 2 oz. .25, ¼ lb. .40, lb. 1.50

Large Late Drumhead. For fall or winter. An excellent keeper. oz. .15, 2 ozs. .25, ¼ lb. .40, lb. 1.50.

Our Cabbage Seed is American grown from the best selected stock and is superior in every respect.



ALL SEASONS.



BURPEE'S
"ALL HEAD EARLY"
CABBAGE

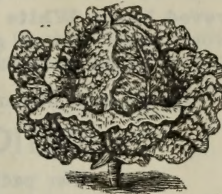
We make no charge for delivering goods at the depots and express offices in Cleveland.

CABBAGE.—CONTINUED.

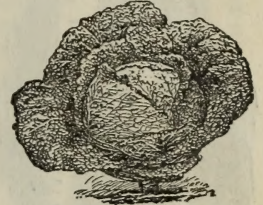
	Oz.	2 oz.	¼ lb.	Lb.
Louisville Drumhead. Splendid market gardener's variety; stands heat well.....	.15	.25	.40	\$1.50
Stone Mason Drumhead. Exceedingly hardy; profitable variety for market ....	.15	.25	.40	1.50
Marblehead Mammoth Drumhead. The largest cabbage known .....	.15	.25	.40	1.50
Warren's Stone Mason. Fine for fall or winter use. Medium sized heads.....	.15	.25	.40	1.50
Early Dwarf Ulm Savoy. Very early; small, round, deep green heads.....	.15	.25	.40	1.50
Drumhead Savoy. Large size; head nearly round; color dark green.....	.15	.25	.40	1.50



MAMMOTH ROCK RED.



GREEN CURLED SAVOY.

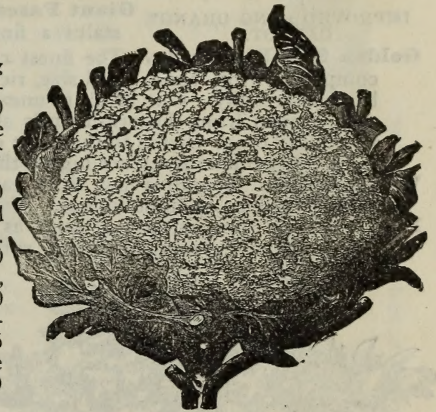


DRUMHEAD SAVOY.

Green Curled Savoy. Loose heads; hardy; second early .....	.15	.25	.40	1.50
Mammoth Rock Red. The best red cabbage; sure head; deep red color. ....	.20	.35	.60	2.00
Red Dutch. Hard, solid heads, of intense blood-red color .....	.15	.25	.40	1.50

CAULIFLOWER.

- Very Early Erfurt.** A very good early variety, producing good sized white heads; one of the best for general cultivation.....pkt. .10, ¼ oz. .25, oz. .75, ¼ lb. 2.50
- Early Favorite.** An early, large growing kind; forms a large head, which is solid, crisp and tender; will make heads under more unfavorable conditions than any other.pkt. .10, ¼ oz. .25, oz. .75, ¼ lb. 2.50
- Early Snowball.** Early for forcing and open ground; solid pure white heads; reliable as a sure header; compact grower.pkt. .25, ¼ oz. .60, oz. 2.00, ¼ lb. 7.00
- Selected Early Dwarf Erfurt.** Extra early, of dwarf habit, compact growth.....pkt. .25, ¼ oz. .60, oz. 2.00, ¼ lb. 7.00
- LeNormand's Short Stem.** One of the best; hardy, semi-dwarf, latepkt. .10, ¼ oz. .15, oz. .50, ¼ lb. 1.75
- Veitch's Autumn Giant.** Of vigorous growth; very large white heads; late.....pkt. .10, ¼ oz. .15, oz. .50, ¼ lb. 1.50

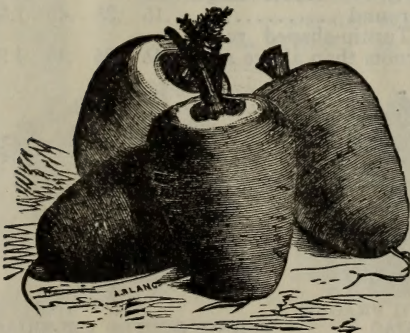


EARLY SNOWBALL CAULIFLOWER.

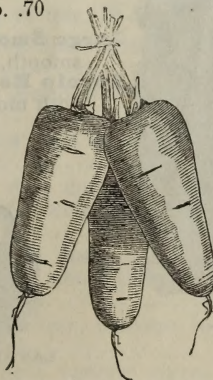
CARROT.

Per packet, any variety, 5 cents.

	Oz.	¼ lb.	Lb.
Early Scarlet Horn. Best for early planting out of doors .....	.10	.20	.70
Chantenay. Medium early; half long, stump-rooted, fine grained .....	.10	.20	.70
Rubicon. Of uniform shape, earlier than Danvers, about same length, but heavier and thicker at shoulders; very productive; deep red orange color and of unexcelled quality .....	.10	.20	.70
Half Long Scarlet Nantes. Roots smooth, bright orange, of finest quality.....	.10	.20	.70
Danver's Half Long. Best for field culture. Roots large, dark colored; uniform and handsome	oz. 10, ¼ lb. 20, lb. 70		
Ox Heart. Very thick and blunt; grows rapidly; flesh deep orange color. oz. .10, ¼ lb. 20, lb. .70			



OX HEART.



CHANTENAY.



DANVER'S HALF LONG.

We do not charge for boxes, barrels or packing. Bags are charged at exact value.

CARROT.—CONTINUED.

Oz. ¼ lb. Lb.

Half Long Carentan. Unsurpassed for fine quality and perfect shape; smooth, flesh red, coreless..... .10 .20 .70

Improved Long Orange. Long pointed roots; requires deep soil..... .10 .15 .60

Improved Large White Belgian. Roots pure white; green above ground; used for stock feeding... .10 .15 .60

Special price on carrot seed in quantity.

CHICORY.

Per packet, 5 cts.

Large Rooted. The dried roots are roasted and mixed with coffee or used as a substitute; cultivate same as carrot.....oz. .10, ¼ lb. .25, lb. .75

CELERY.

Per packet, any variety, 5 cts.

Oz. 2 ozs. ¼ lb. Lb.

IMPROVED LONG ORANGE CARROT.

Giant Pascal. Thick, solid, crisp stalks; a fine keeper and shipper .15 .25 .40 \$1.50

Golden Self-Blanching. The finest celery for early use; of compact growth, solid, good size, rich golden yellow color; blanches readily. Our stock is unexcelled; absolutely reliable; grown from the originator's stock in France, and is all of 1902 crop. Owing to the short crop of the past season, prices for genuine stock are higher than usual..... .35 .65 1.00 3.75

White Plume. Requires but little earthing up to blanch; naturally white or light foliage. Valuable for market.... .20 .35 .50 1.75

Pink Plume. Very attractive; same as White Plume, except that stalks and stems are tinged with pink..... .20 .35 .50 1.75

Kalamazoo White Dwarf.

Half-Dwarf, white, solid; easily blanchd and a good keeper. oz. .15, 2 oz. .25, ¼ lb. .40, lb. 1.50

Perfection Heartwell. Fine, large winter variety; solid heads; creamy white color; fine flavor15 .25 .40 \$1.50

New Rose. The best red variety; of fine flavor; splendid for late use..... .15 .25 .40 1.50

Golden Heart. Of sturdy dwarf habit; solid and an excellent keeper15 .25 .40 1.50

Crawford's Half Dwarf. Vigorous grower; yellowish white when blanchd15 .25 .40 1.50

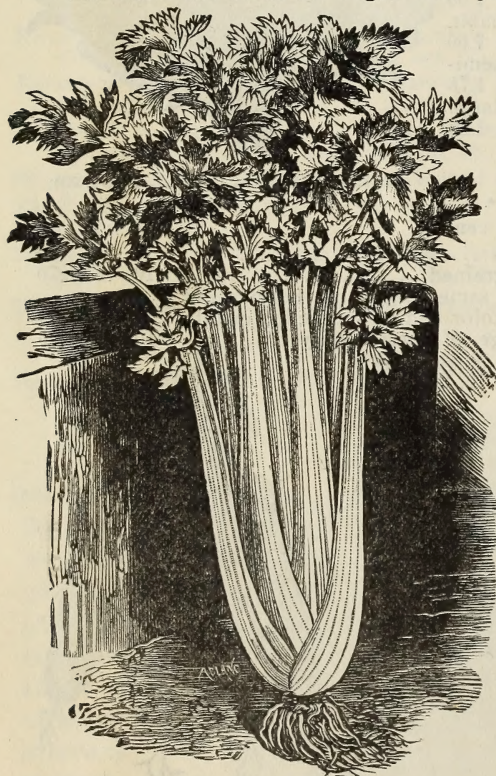
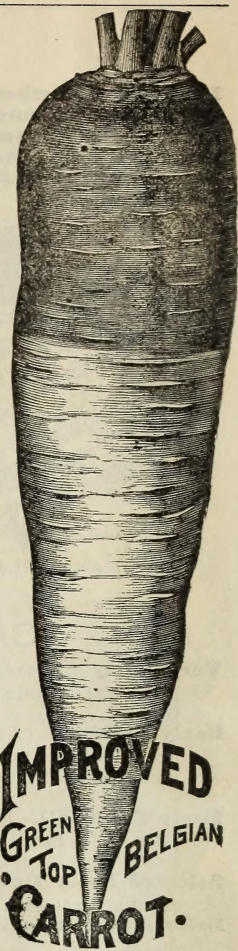
Boston Market. Medium sized, hardy, fine flavor. Stalks numerous, very solid15 .25 .40 1.50

Soup or Flavoring Celery. Used for flavoring pickles, sauce, etc..... .05 .40

CELERIAC. Per packet, 5 cents.

Large Smooth Prague. Roots large, smooth, almost round15 .25 .40 1.50

Turnip Rooted. Turnip-shaped roots, with more side roots than above sort. .15 .25 .40 1.25



GOLDEN SELF-BLANCHING.



LARGE SMOOTH PRAGUE CELERIAC.



TURNIP ROOTED CELERIAC.

If your neighbor doesn't receive our catalogue just let us know about it, drop us a postal, you needn't send a stamp, and he will get one by first mail. We want his patronage as well as yours.

CORN.—EXTRA EARLY VARIETIES.

Very scarce; subject to advance without notice and our ability to procure stock.

Pecks Supplied at Bushel Rates.

Per packet, any variety, 5 cents.

If sent by mail add 5 cents per pint, 10 cents per quart for postage.

	Qt.	2 qts.	4 qts.	Bu.
Cory. A very early variety; red cob, large grain....	.20	.35	.60	\$4.00
White Cory. Is early and of same size as Cory, but has white cob .....	.20	.35	.60	4.00
Mammoth White Cory. Extra early; ears larger than the ordinary Cory, 12-rowed, white cob, large white grain .....	.20	.35	.60	4.00
Kendel's Early Giant. One of the best early varieties; large ears, 10 and 12 rowed; is becoming a great favorite with marketmen .....	.20	.35	.60	4.00

MEDIUM EARLY VARIETIES.

Early Minnesota. Plant semi-dwarf. An excellent market variety; a little later than the preceding.	.20	.35	.60	4.00
Shaker's Early. Large, well-filled ears; kernels pearly white; fine flavor .....	.20	.35	.60	4.00
Perry's Hybrid. Very popular; medium height; large ears .....	.20	.35	.60	4.00
Crosby's Early. Ears of good size, 12-rowed; an excellent variety .....	.20	.35	.60	4.00
Moore's Early Concord. Large, handsome, 14-rowed ears .....	.20	.35	.60	4.00

MAIN CROP AND LATE VARIETIES.

Tilton's Twelve Rowed. The best variety for main crop; very productive. Ears of good size, 12-rowed, medium length, well filled; grain sweet and rich .....	.20	.35	.60	4.00
Hickox Hybrid. Valuable for market; very prolific, ears 12-rowed, with white cob and grain. Excellent for canning .....	.20	.35	.60	4.00
Early Mammoth. Resembles the Mammoth, but ripens two weeks earlier .....	.20	.35	.60	4.00
Country Gentleman. Handsome and attractive; of delicious quality .....	.20	.35	.60	4.00
Stowell's Evergreen. Remains green a long time; hardy, productive, tender and sugary .....	.20	.30	.60	4.00
Egyptian. Remarkably large ears; sweet and tender.	.20	.35	.60	4.00
Mammoth. Produces the largest ears of any sort. Quality excellent .....	.20	.35	.60	4.00
Black Mexican. Of fine quality; ripe grain is bluish-black .....	.20	.35	.60	4.00

FIELD CORN.

Per quart, any variety, 10 cents. 4 qts. Pk. Bu.

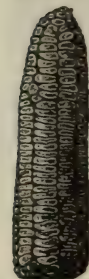
Rideout or Mercer. A large eared flint variety, maturing in seventy-five days .....	.30	.50	\$1.25
Minnesota White. An 8 or 10 rowed white flint corn. Matures early .....	.30	.50	1.25
Minnesota King. An early, yellow, half dent; sure cropper and abundant yielder .....	.30	.50	1.25
Early Iowa. The earliest yellow dent corn; matures in 80 to 85 days. Large well-filled ears; an immense yielder .....	.30	.50	1.25
Champion Yellow Dent. A superior thoroughbred dent corn. Matures in 90 to 100 days; short thick stalks; long, well-filled ears; deep kernels.....	.30	.50	1.25
Pride of the North. Early dent variety; matures in 90 days; deep kernels and small cob.....	.30	.50	1.25
Improved Leaming. A yellow dent variety; ripens in from 90 to 110 days from planting. Ears large and handsome; deep, large grain. A strong grower.....	.30	.50	1.25



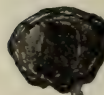
CORY.



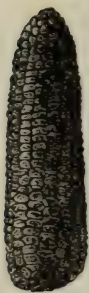
EARLY MINNESOTA.



CROSBY'S EARLY.



MOORE'S EARLY CONCORD.



TILTON'S TWELVE-ROWED.



STOWELL'S EVERGREEN.



MAMMOTH.



You take no risk in sending cash with the order. If any money is sent in excess of the amount required it will be promptly refunded.

CORN—CONTINUED.

ENSILAGE CORN.

Red Cob. The best for ensilage or fodder purposes. An immense yielder. Sow broadcast, or in drills, three to four feet apart, at the rate of $\frac{3}{4}$ to 2 bushels per acre. Price given upon application.

POP CORN.

Rice. Has no superior as a parching corn. Kernels long, pointed, white....per ear, .03, per doz. ears, .23
Queen's Golden. Large ears; kernels large, rich golden yellow.....per ear, .03, per doz. ears, .23

CORN SALAD OR FETTICUS.

Per packet, 5 cts.

Large Seeded. Large leaved; a favorite market gardeners' variety.

5 lbs. 35c. per lb., oz. .10, $\frac{1}{4}$ lb. .15, lb. .40

Large Green Cabbaging. A very fine variety; rosette-shaped. 5 lbs. .35 per lb., oz. .10, $\frac{1}{4}$ lb. .15, lb. .40

CRESS.

Per packet, 5 cents.

Early Curled or Pepper Grass.

Used as a salad; very warm and pungent...oz. .10, $\frac{1}{4}$ lb. .15, lb. .40

True Water. A delicious salad; only thrives when its roots and stems are submerged in water.

oz. .30, $\frac{1}{4}$ lb. 1.00, lb. 3.00



CORN SALAD.



TRUE WATER CRESS.

CUCUMBER.

Per packet, any variety, 5 cents.

Improved White Spine. The very best market sort; very productive; largely used for pickles Oz. $\frac{1}{4}$ lb. Lb.
 .15 .40 1.50

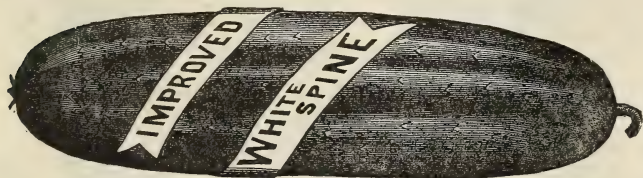
Evergreen White Spine. Of great value; early and prolific; retains its fine deep green color during all stages of growth15 .40 1.50

Extra Long White Spine.

Ten to twelve inches long; very straight; fine for pickles. 15 .40 1.50

Arlington White Spine.

A selection from the White Spine, and one of the most perfect in shape, size, color and quality15 .40 1.50



Peerless White Spine. Early, prolific and of good size; color deep green; one of the best pickling cucumbers15 .40 1.50

Chicago Pickling. Very popular and undoubtedly the best for pickles15 .40 1.50

Early Russian. Earliest and hardiest; small oval, covered with fine spines15 .40 1.50

Jersey Pickling. One of the best for pickles; uniform in size15 .40 1.50

Boston Pickling or Green Prolific. Fruit short, bright green; very productive..... .15 .40 1.50

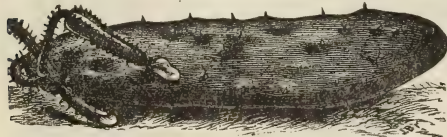
Improved Long Green. Fruit long; when young one of the best for pickles, and when ripe is the best for sweet pickles.

.....oz. 15, $\frac{1}{4}$ lb. 55, lb. 2.00

Gherkin or Burr. A very small, oval-shaped prickly variety, distinct from all others; exclusively for pickling..... oz. .20, $\frac{1}{4}$ lb. .75

Japanese Climbing. Vines vigorous and of climbing habit. Very prolific; fruit 10 to 12 inches long, dark green; good for pickling or slicingoz. 20, $\frac{1}{4}$ lb. .75

Rollisson's Telegraph. For forcing; the most prolific sort. Our stock is true.....Per small pkt. (15 seeds), 25c.; per pkt. (100 seeds), 1.50



IMPROVED LONG GREEN.

DANDELION.

Improved Thick Leaved.

Per packet, 5 cents.

Less bitter than the common Dandelion; a great improvement in size, thickness and fine flavor. oz. .50, $\frac{1}{4}$ lb. 1.75.

EGG PLANT.

Per packet, 5 cents.

New York Improved Purple. The leading market variety; large, round, dark purple, thornless; most productive of any.

oz. .25, 2 oz. .40, $\frac{1}{4}$ lb. .70, lb. 2.50

NEW YORK IMPROVED PURPLE EGG PLANT.



This catalogue is our agent. It describes in a plain brief manner the goods we sell. The descriptions are accurate; the illustrations are true to nature.

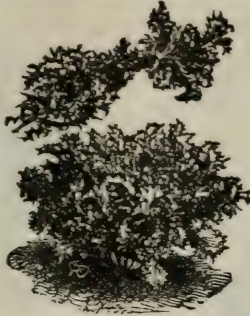
ENDIVE.

Per packet, any variety, 5 cents.

	Oz.	2 oz.	¼ lb.	Lb.
White Curled. The most beautiful and attractive; leaves almost white.....	.15	.25	.30	\$1.00
Green Curled. Hardy; beautiful curled dark green leaves; blanches white .....	.15	.25	.30	1.00
Broad Leaved Batavian. Has broad, thick, plain leaves, which form a large head. ....	.15	.25	.35	1.25



WHITE CURLED.



GREEN CURLED.



BROAD LEAVED BATAVIAN.

KALE.

Per packet, any variety, 5 cents.

	Oz.	2 oz.	¼ lb.	Lb.
Dwarf Curled German. The leading market variety. For fall sowing. 5 lbs., 40c. ....	.10	.15	.20	.80
Extra Curled German Dwarf Green. Plant dwarf and compact. Leaves long, of deep green color .....	.10	.15	.20	.75
Tall Green Curled Scotch. About two feet high. Leaves dark green, curled and wrinkled. ....	.10	.15	.20	.75



LARGE FLAG LEEK.



DWARF CURLED
GERMAN KALE.



EXTRA CURLED GERMAN
DWARF GREEN KALE.

KOHL RABI.

Per packet, any variety, 5 cents.

Early White Vienna. Very early; small white bulb.	oz. .20, 2 oz. .35, ¼ lb. .50, lb. 1.75
Early Purple Vienna. Bright purple, with leaf stems tinted with purple	oz. .20, 2 oz. .35, ¼ lb. .50, lb. 1.75
Large Green. Hardy, late; used for feeding stock; very large bulb	oz. .15, 2 oz. .25, ¼ lb. .40, lb. 1.50



EARLY WHITE
VIENNA
KOHL RABI.

LEEK.

Per packet, 5 cents.

Large Flag. Hardy and of good quality. Used more than any other kind.	oz. .15, 2 oz. .25, ¼ lb. .40, lb. 1.50
Musselburgh. Grows to a very large size with broad leaves; hardy.	oz. .15, 2 oz. .25, ¼ lb. .40, lb. 1.50



LETTUCE.

Per packet, any variety, 5 cts.

Golden Beauty. The best lettuce for forcing, as its heavy weight makes it a profitable kind, while its enormous heads and long standing qualities make it one of the best for out-door culture	oz. .20, ¼ lb. .60, lb. 2.00
Tilton's White Star. An enormous yield; a superior sort for forcing or planting out of doors.	oz. .10, ¼ lb. .25, lb. .75

We Mail Postpaid to any post office in the United States, all vegetable seeds in packets, ounces and quarter-pounds; for larger quantities add eight cents per pound to cover postage.

The greatest safeguard that a planter can use, to secure a sure and profitable crop, is to buy his supply of seeds from a house of known reputation.

LETTUCE—CONTINUED.

Grand Rapids. Fair sized, loose heads; leaves crimped and frilled; fine for forcing.
oz. .10, ¼ lb. .25, lb. .75

Black Seeded Simpson. Large loose heads of yellowish light green color.
oz. .10, ¼ lb. .25, lb. .75

White Chavigne. A new and distinct white-seeded cabbage lettuce; hardy and excellent for spring and summer use; large compact heads of rich light yellow color and delicious flavor.
oz. .15, ¼ lb. .50, lb. 1.50



Deacon. Large solid heads of light color; excellent for summer..... oz. .10, ¼ lb. .25, lb. .75

Big Boston. Very large heads; for forcing or outdoors..... oz. .10, ¼ lb. .25, lb. .75

Boston Market. One of the best for forcing under glass, as well as for outside use; forms fair-sized heads..... oz. .10, ¼ lb. .25, lb. .75



BLACK SEEDED SIMPSON.

Iceberg. Of beautiful appearance and excellent quality; heads good size and solid.
oz. .10, ¼ lb. .25, lb. .75

California Cream Butter. Very solid heads; medium early, of good size; rich cream yellow.
oz. .10, ¼ lb. .25, lb. .75

Marblehead Mammoth. The largest head lettuce; leaves light green, crisp, tender and free from bitterness..... oz. .10, ¼ lb. .25, lb. .75

Salamander. Good sized, compact heads, which resist summer heat.... oz. .10, ¼ lb. .25, lb. .75

Brown Dutch. Exceedingly hardy; large solid heads; thick green leaves tinged with brown.
oz. .10, ¼ lb. .25, lb. .75

Prize Head. A brown leaved variety; slow to run to seed..... oz. .10, ¼ lb. .25, lb. .75



FRANKFORT HEAD.

Frankfort Head. Handsome, firm heads; leaves thick, light colored; resists heat remarkably well. A favorite for market use. True stock.
oz. .10, ¼ lb. .30, lb. 1.00



IMPROVED HANSON.

Improved Hanson. Of remarkable size; very solid. oz. .10, ¼ lb. .25, lb. .75

Trianon, Self-Closing Cos. The best of the Cos sorts; upright, crisp and tender.
oz. .10, ¼ lb. .30, lb. 1.00

OTHER STANDARD VARIETIES.

Per pkt. 5c., oz. 10c., ¼ lb. 25c., lb. 75c.

All Year Round.

Blond Blockhead.

Black-seeded Butter.

Buckeye.

Denver Market.

Frankfort Head, Black-seeded.

Hittinger's Belmont.

Hothouse.

Hubbard's Market.

Large Yellow Butter.

Ohio Cabbage.

Market Gardener's Private Stock.

Royal Summer Cabbage.

Sensation.

Tennisball White-seeded.

Tennisball Black-seeded.

The goods we sell are the best that can be obtained anywhere. Our prices have been fixed on a basis of actual values.

MUSK MELON.

Per packet, any variety, 5 cts.

Rocky Ford. Very early and of remarkably fine quality and appearance. Flesh light green, very thick meated; one of the best for market gardeners, shippers and the home garden.

oz. .10, ¼ lb. .25, lb. .80



EMERALD GEM.

Extra Early Green Citron. Very early and productive; flesh light green. .oz. .10, ¼ lb. .25, lb. .80

Emerald Gem. Extra early; very sweet: flesh salmon color .oz. .15, ¼ lb. .40, lb. 1.40

Jersey Belle. Extra early, heavily netted; flesh deep green .oz. .10, ¼ lb. .25, lb. .80

Anne Arundel. A new early oblong melon with thick green flesh; finest quality; for market and shipping .oz. .10, ¼ lb. .30, lb. 1.00



HACKENSACK, OR TURK'S CAP.

Extra Early Hackensack. Ripens ten days earlier than Hackensack .oz. .10, ¼ lb. .30, lb. 1.00

Hackensack, or Turk's Cap. Large, round; one of the best market melons. .oz. .10, ¼ lb. .30, lb. 1.00

Pine Apple. Medium sized; flesh green; very thick; sweet .oz. .10, ¼ lb. .30, lb. 1.00



IMPROVED LARGE GREEN NUTMEG.

Improved Large Green Nutmeg. Very large; excellent for late .Crop failed.

Long Island Beauty. Of the Hackensack type; very early and of fine quality.

oz. .10, ¼ lb. .40, lb. 1.50

Princess. Round, early; heavily netted dark green skin; salmon colored flesh. .oz. .10, ¼ lb. .30, lb. 1.00

Osage. A favorite sort; large, oval, dark green; flesh deep salmon; very sweet.

oz. .10, ¼ lb. .30, lb. 1.00

Paul Rose. Possesses all the good qualities of the Osage and Netted Gem, from which it originated. Fruit oval, with thick, firm flesh of orange red color; very sweet and highly flavored. A splendid sort .oz. .10, ¼ lb. .25, lb. .80

Delmonico. Oval, large, finely netted; orange pink flesh .oz. .10, ¼ lb. .25, lb. .80

Tip Top. Distinct in appearance; of high quality; flesh rich salmon; skin pale green.

oz. .15, ¼ lb. .50, lb. 1.60

Montreal Nutmeg. Very large, late; best to grow for exhibition .oz. .10, ¼ lb. .30, lb. 1.00



Banana. Long banana-like fruit; skin creamy white; flesh deep salmon. .oz. 10, ¼ lb. .30, lb. 1.00

MUSHROOM SPAWN.



Our Mushroom Spawn is made by the most noted maker in England. It produces uniformly good results and is of the best quality procurable. Per brick 15c., per dozen bricks \$1.50, per 100 lbs. \$7.50.

HOW TO GROW MUSHROOMS.

A 14-page pamphlet on the culture of Mushrooms. Price, postpaid, 10c.

For fifteen years we have sold high-class seeds. The constant success that follows our efforts to supply the best seeds that the world produces is best shown in our extensive and rapidly increasing patronage.

MUSTARD.

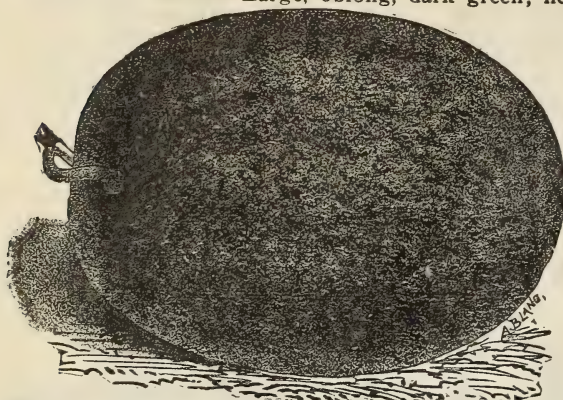
Per packet, 5 cents.

White English. Leaves light green, mild and tender; seed light yellow.....oz. .05, ¼ lb. .10, lb. .25
Brown or Black. Strong and more pungent than the white.....oz. .05, ¼ lb. .10, lb. .25

WATER MELON.

Per packet, any variety, 5 cents.

	Oz.	¼ lb.	Lb.
Phinney's Early. Fruit large; oval; productive; early; flesh red, sweet.....	.10	.15	.50
Ice Cream. Medium size; light colored skin; seeds white; a leading variety .....	.10	.15	.50
Sweet Heart. Very large, heavy, bright green; flesh red, of fine quality.....	.10	.15	.50
Mountain Sweet. Large, oblong, dark green; flesh red, very sweet.....	.10	.15	.50



ICE CREAM WATER MELON.

Boss. Medium early, small size, very productive, a good shipper .....	.10	.15	.50
Black Spanish. Large size, nearly round; skin very dark green.....	.10	.15	.50
Mammoth Iron Clad. Long, very large, late; good shipper .....	.10	.15	.50
Kentucky Wonder. Dark green; flesh scarlet, very rich and sugary .....	.10	.15	.50

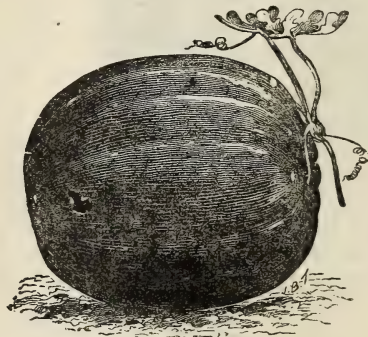


CITRON PRESERVING MELON.

Citron. (For preserving.) Perfectly round, mottled skin, red seed.....oz. .10, ¼ lb. .20, lb. .75
Colorado Preserving Melon. Green seed.
 oz. .10, ¼ lb. .20, lb. .75



No. 1, Extra Early Red; No. 2, Large Red Wethersfield;
 No. 3, Yellow Globe Danvers; No. 4, White Portugal;
 No. 5, White Silverskin; No. 6, White Globe.



BLACK SPANISH WATER MELON.

ONION.

Per packet, any variety, 5 cents.

Yellow Globe Danvers. The standard variety everywhere; of true globe shape and handsome appearance; keeps well. 5 lbs. .75 per lb., oz. .10, ¼ lb. .25, lb. .85
Extra Selected Yellow Globe Danvers. The finest strain in cultivation. Superior to ordinary strains of Yellow Globe Danvers in earliness, shape and uniformity of size and color. Grown from selected hand-picked bulbs; none but those perfect in size and shape being set for seed. Perfect globe shape with very small neck; entirely distinct from the old type of Yellow Globe Danvers.

5 lbs. \$1.00 per lb., oz. .15, ¼ lb. .35, lb. 1.25
Ohio Yellow Globe. A thoroughbred globe onion. The bulbs are large, of very attractive shape, small necks, and never grow a scullion; solid, heavy and of bright yellow color. Ripens early and uniformly. An unsurpassed strain; greatest care is used in the selection of bulbs for seed production.

5 lbs. \$1.00 per lb., oz. .15, ¼ lb. .35, lb. 1.25

Do you want to increase your profits for 1903? Naturally you do. Start right by ordering Tilton's Seeds.

ONIONS—CONTINUED.

Yellow Dutch or Strasburg. The most popular variety for sets; full sized onions somewhat flat. An excellent keeper; skin bright yellow.

oz. .10, $\frac{1}{4}$ lb. .30, lb. 1.00

Large Red Wethersfield. The best red onion; of large size and splendid form.

oz. .10, $\frac{1}{4}$ lb. .25, lb. .90



PRIZETAKER ONION.

Early White Queen. Of remarkably quick growth; a good keeper; valuable for pickles.

oz. .20, $\frac{1}{4}$ lb. .60, lb. 2.00

Round White Hard Dutch. Small round, white, compact and hard.....oz. .20, $\frac{1}{4}$ lb. .50, lb. 1.75

Large White Globe. Globe shaped, firm, fine grained; abundant yielder. oz. .20, $\frac{1}{4}$ lb. .50, lb. 1.75

White Portugal. Silvery white skin; handsome. For sets or for pickling. oz. .20, $\frac{1}{4}$ lb. .50, lb. 1.60

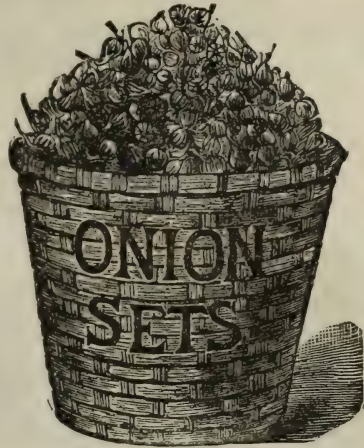
Mammoth Silver King. Silvery white, Italian variety, somewhat flat...oz. .20, $\frac{1}{4}$ lb. .60, lb. 2.00

Prizetaker. The largest and handsomest yellow onion; very mild.....oz. .15, $\frac{1}{4}$ lb. .30, lb. 1.00

CHOICE ONION SEED.

With no crop is there more importance of planting good seed than with onions. Do not be led into purchasing old seed which may be offered at cheap prices. Our onion seed is all crop of 1902 and first-class in all respects.

Special Prices for Large Quantities.



Egyptian or Perennial Tree Onions. (28 lbs. to a bushel). Perfectly hardy; productive.

qt. .10, bu. 1.00

Fancy Yellow Bottom Sets. (32 lbs. to a bushel). Make splendid green onions early in spring.

qt. .15, bu. 1.50

Fancy White Bottom Sets. (32 lbs. to a bushel). Produce handsome white onions early in the seasonqt. .20, bu. 2.00

Our Sets are superior to ordinary stock, being of small size, sound and free from trash.

Prices by the bushel are subject to market changes. Quart rates here named will hold good throughout the season, or as long as our stock lasts. If wanted by mail, add 12 cents per quart for postage.

Market gardeners or large buyers send your orders in early before the market advances.

Prices are sure to go higher. Samples mailed on request.



OKRA OR GOMBO.

Per packet, 5 cents.

White Velvet. A great improvement over other Oz. $\frac{1}{4}$ lb. Lb. varieties; pods larger, white, very smooth; an abundant bearer; of superior quality..... .10 .20 .60

PARSNIP.

Per packet, 5 cents.

Sugar or Hollow Crown. Considered the best parsnip for general cultivation. Smooth, tender and sugary10 .15 .40

SUGAR,
OR HOLLOW
CROWN PARSNIP



OKRA.

A great deal of money is wasted every year in poor seeds. Don't waste yours; the best are always the cheapest.

PARSLEY.

Per packet, any variety, 5 cts.

Plain Leaved. The hardiest variety; leaves plain or singleoz. .10, $\frac{1}{4}$ lb. .15, lb. .50



DOUBLE CURLED PARSLEY.

Double Curled. Dwarf and finely curled; desirable for garnishingoz. .10, $\frac{1}{4}$ lb. .20, lb. .60

Moss Curled. Compact growing, finely curled, handsome and attractive...oz. .10, $\frac{1}{4}$ lb. .20, lb. .60

Beauty of the Parterre. Perfectly distinct. Most beautiful sort for edging and equally good as a condiment.....oz. .10, $\frac{1}{4}$ lb. .20, lb. .60



LONG ROOTED OR HAMBURG PARSLEY.

Long Rooted or Hamburg. Forms a root much like a parsnip.....oz. .10, $\frac{1}{4}$ lb. .15, lb. .50

PEAS.

Per 2 oz. packet, any variety, 5c; per $\frac{1}{2}$ pint package, any variety, 10c.

FIVE LEADERS.

The best varieties of sugar peas for home or market garden. They are all money-makers. You will make no mistake in planting them.

FOR FIRST EARLY PLANTING.

Nott's Excelsior. A popular new variety.

The best extra early dwarf wrinkled pea. Early, vigorous, productive. Surpassing in earliness, yield and quality. Pods are fully one-third larger than any other dwarf, wrinkled variety, and contain from six to eight fine large peas, which in sweetness and quality are superior. A most desirable sort for the market gardener and unsurpassed for the home garden. qt. .30, 2 qts. .50, pk. 1.80, bu. 7.00

Gradus. Sometimes called "Prosperity."

The most attractive novelty of recent years. Without doubt the finest extra early Pea yet introduced. As early as the earliest smooth varieties, with pods as large as Telephone. Vines $2\frac{1}{2}$ feet high. It combines the finest quality with extreme earliness. Is very hardy, and can be planted fully as early as the smooth Peas. Very quick to germinate and push to maturity. The seed is very scarce this season.qt. .40, 2 qts. .70, pk. 2.50

FOR MEDIUM OR LATE CROP.

Dwarf Telephone. A grand new Pea; will grow only 18 inches high; of dwarf, stocky habit, healthy, vigorous growth, and very productive; pods long, broad, well filled, thick, and of good lasting quality for market purposes.

qt. .30, 2 qts. .50, pk. 1.75, bu. 6.50

Tilton's Cleveland Market. The Pea for the market gardener. A grand variety for general crop. Intermediate, wrinkled, semi-dwarf; enormously productive; uniform in ripening; large, showy pods and Peas. Extra fine color and quality.

qt. .25, 2 qts. .40, pk. 1.50, bu. 5.50

Tilton's Mammoth Perfection. The best Pea of its class yet offered. A distinct new variety, and undoubtedly the best of all the class of long vine, large-

podded Peas. Vines healthy and vigorous and grow about $3\frac{1}{2}$ feet high, producing beautifully shaped pods of largest size, frequently measuring six inches in length, well filled with large Peas of highest quality and flavor.

qt. 30, 2 qts. .50, pk. 1.75, bu. 6.50



TILTON'S CLEVELAND MARKET.

Each year the volume of our business is increasing. What's behind it? Reliable goods, right treatment, a clean business reputation.

PEAS.—CONTINUED. GENERAL LIST.**EXTRA EARLY SMOOTH VARIETIES.**

- Maud S.** Earlier and more productive than any otherqt. 20, 2 qts. .35, pk. 1.25, bu. 4.75
First and Best. Stocky, vigorous and exceedingly productive....qt. .20, 2 qts. .35, pk. 1.25, bu. 4.75
Rural New Yorker. Very early, robust, prolific; ripens uniformly.
 qt. 20, 2 qts. .35, pk. 1.25, bu. 4.75
Landreth's Extra Early. An excellent and well-known variety...qt. .20, 2 qts. .35, pk. 1.25, bu. 4.75
Alaska. Very early blue pea; uniform in growth.
 qt. .20, 2 qts. .35, pk. 1.20, bu. 4.50

SECOND EARLY VARIETIES.

- Carter's Daisy.** An excellent variety producing large, long, handsome pods, well-filled with large tender peas of fine flavor. Height 18 inches.
 qt. .30, 2 qts. .50, pk. 1.75, bu. 6.50
Duke of York. A splendid medium early wrinkled pea, similar to Telephone, but of dwarfer habit, a week or ten days earlier.
 qt. .25, 2 qts. .40, pk. 1.20, bu. 4.50
Duke of Albany, or American Champion. Immense pods and Peas on the style of Telephone, 4 feet high; quality excellent.
 qt. .25, 2 qts. .40, pk. 1.50, bu. 5.50
Heroine. Long, handsome, well-filled pods: 2½ ft. high; productive.qt. .25, 2 qts. .40, pk. 1.40, bu. 5.00
Dwarf Champion. A dwarf Champion of England; large pods.qt. .25, 2 qts. .40, pk. 1.20, bu. 4.50
McLean's Advancer. A standard sort; immense yield; popular market variety.
 qt. .25, 2 qts. .40, pk. 1.20, bu. 4.50
Horsford's Market Garden. Two feet high; a grand wrinkled variety.
 qt. .25, 2 qts. .40, pk. 1.20, bu. 4.50
Bliss' Everbearing. Of strong branching character; height 2 ft.: long pods and large peas.
 qt. .25, 2 qts. .40, pk. 1.20, bu. 4.50
Yorkshire Hero. A stout branching variety; two feet high.....qt. .25, 2 qts. .40, pk. 1.20, bu. 4.50

Owing to unfavorable weather of the past season, Pea crops suffered severely and stocks are shorter than they have been for years. Prices are correspondingly higher. However, we contracted heavily and have large stocks of most varieties, but on account of the extreme shortage all over the country there will be an unusual demand and we therefore advise our customers to secure their supply early while stocks last.

Don't delay ordering, place your order at once and be sure of getting what you need. Our prices are low in consideration of short crops.

Our Peas are all Northern grown and are of the very best quality; raised from the best stocks and the crops are carefully "rogued," being subjected to the most critical inspection.

Special Quotations to Buyers of Large Quantities.

EXTRA EARLY WRINKLED SORTS.

- Surprise.** A new early wrinkled variety, ripening with Maud S. and Alaska. Vines two feet high; good sized, well-filled pods.
 qt. .25, 2 qts. .40, pk. 1.50, bu. 5.50
McLean's Little Gem. Dwarf, green wrinkled; early; 16 inches high.
 qt. .30, 2 qts. .50, pk. 1.75, bu. 6.50
Premium Gem. Early, green wrinkled, one foot high prolific....qt. .30, 2 qts. .50, pk. 1.75, bu. 6.50
American Wonder. About nine inches high; finest quality.....qt. .30, 2 qts. .50, pk. 1.80, bu. 7.00

LATE SORTS.

- Telephone.** Immensely productive; large pods; finest quality; 4 feet high.
 qt. .25, 2 qts. .40, pk. 1.50, bu. 5.50
Champion of England. Finest quality of any pea in cultivation...qt. .25, 2 qts. .40, pk. 1.10, bu. 4.00
Improved Stratagem. Vines medium height; immense pods; fine quality.
 qt. .25, 2 qts. .40, pk. 1.50, bu. 5.50
Sharpe's Queen. Pods very large and handsome; an excellent main crop sort.
 qt. .25, 2 qts. .40, pk. 1.40, bu. 5.00
Pride of the Market. Very large pods; green peas; 1½ to 2 feet high.
 qt. .25, 2 qts. .40, pk. 1.40, bu. 5.00
Large White Marrowfat. Cultivated extensively for summer crop. Five feet high.
 qt. .15, 2 qts. .25, pk. .75, bu. 2.50
Large Black Eyed Marrowfat. Similar to White Marrowfat; hardy and prolific.
 qt. .15, 2 qts. .25, pk. .75, bu. 2.50

EDIBLE PODDED SORTS.

- Melting Sugar.** Pods large, straight, tender and fine flavored.....qt. .35, 2 qts. .60, pk. 2.00
Field Peas. See Miscellaneous Farm Seeds.

PEPPER.

Per packet, any variety, 5 cts.

- | | Oz. | 2 Oz. | ¼lb. | Lb. |
|--|-----|-------|------|------|
| Sweet Spanish. Large, early, sweet, mild; well suited to use as a stuffed pickle.. | .20 | .35 | .60 | 2.00 |
| Sweet Mountain. The best for pickling; large, early, of mild flavor..... | .20 | .35 | .60 | 2.00 |
| Ruby King. Largest size, handsome shape, bright colored | .20 | .35 | .60 | 2.00 |
| Large Bell or Bull Nose. A very large early sort; flesh thick and mild..... | .20 | .35 | .60 | 2.00 |
| Large Squash. Tomato shaped; generally grown for pickling.
oz. .20, 2 oz. .35, ¼ lb. .60, lb. 2.00 | | | | |
| Monstrous. Peppers six to eight inches long; very sweet flavor.
oz. .20, 2 oz. .35, ¼ lb. .60, lb. 2.00 | | | | |
| Long Red Cayenne. Long, slim, pointed; when ripe bright red; extremely strong and pungent.
oz. .20, 2 oz. .35, ¼ lb. .60, lb. 2.00 | | | | |
| Small Chili Red. Very small, bright red; used for seasoning and pepper-sauce .....oz. .20, 2 oz. .35, ¼ lb. .60, lb. 2.00 | | | | |



LARGE BELL OR
BULL NOSE PEPPER.



LONG RED CAYENNE PEPPER.



RUBY KING PEPPER.

If you have never used our seeds give them a trial this season. An initial order will bring you paying results and afford an opening for larger orders in the future.

POTATOES.

Our seed potatoes are Northern grown. They are grown for us from genuine stock in Northern New York, especially for seed. The soil is gravelly loam, and lies high and rolling, and contains all the elements necessary to produce potatoes in perfection. The advantages from such seed are, early maturity, increased yield, vigorous growth, with vitality to resist disease.

Beware of small barrels. Some dealers send out small sized barrels containing hardly two and one-half bushels. Our barrels are large size, well shook and headed, and contain about 170 pounds of potatoes. No charge for barrels or cartage.



- Early Rose.** The most popular early potato; of fine qualitypk. .40, bu. 1.40, bbl. 3.75
- Early Harvest.** Extra early; heavy yielder; tubers large, nearly white, with very shallow eyes. Excellent quality.....pk. .40, bu. 1.50, bbl. 4.00
- Early Six Weeks.** One of the earliest, yields well; color light pink; flesh white and floury.
pk. .40, bu. 1.50, bbl. 3.90
- Bovee.** A first early that out-yields all other early sorts. Vigorous grower and remarkable keeper.
pk. .40, bu. 1.50, bbl. 3.90

At the above prices, express and freight charges are to be paid by the purchaser. As the price of potatoes is governed by the market, the above quotations are but nominal, but are believed to be about the prices that will rule in the spring.

SEED SWEET POTATOES—IOWA STOCK.

- Yellow Jersey.** } Per bbl. \$3.25, F. O. B. cars
Yellow Nansemond. } at growing station in Iowa.
 Subject stock unsold; consignees risk and measure.

PUMPKIN.

Per packet, any variety, 5 cents.

- Calhoun.** Excels all others in quality as a pumpkin for pies.
oz. .10, $\frac{1}{4}$ lb. .20, lb. .75
- Connecticut Field.** Very productive, large yellow; grown for stock feedingoz. .05, $\frac{1}{4}$ lb. .10, lb. .30
- Large Cheese.** Fruit large, flat, deeply ribbed; hardy, productive.
oz. .10, $\frac{1}{4}$ lb. .15, lb. .50
- King of the Mammoths.** A giant pumpkin; round, flat, slightly ribbed; bright yellow. For stock feeding or pies; keeps well.
oz. .10, $\frac{1}{4}$ lb. .35, lb. 1.25

RADISH.

Per packet, any variety, 5 cents.

- Glass.** The most valuable sort for forcing; half long; rose pink. 5 lbs. .40 per lb.
oz. .10, $\frac{1}{4}$ lb. .15, lb. .50
- Rosy Gem.** For forcing or open ground culture; globe shaped, deep scarlet with white tip.
oz. .10, $\frac{1}{4}$ lb. .15, lb. .50
- Non Plus Ultra.** The earliest of all forcing radishes. Root round; bright scarlet.
oz. .10, $\frac{1}{4}$ lb. .15, lb. .50
- Early Scarlet Prussian Globe.** Root round; for forcing; carmine.....oz. .10, $\frac{1}{4}$ lb. .15, lb. .50
- Early Scarlet Turnip Rooted.** Quick growth; small top; early.....oz. .10, $\frac{1}{4}$ lb. .15, lb. .50
- Early Scarlet Turnip, White Tipped, Forcing.**
A forcing strain of above variety.
oz. .10, $\frac{1}{4}$ lb. .15, lb. .50



EARLY SCARLET WHITE
TIPPED
TURNIP RADISH.



GLASS RADISH.

If you're an amateur and don't know the variety to select, tell us, leave the selection of varieties to us. We know the varieties and believe our selection will prove all right and will please you.

RADISH.—CONTINUED.

Early Round Deep Scarlet. Similar to Early Scarlet Turnip Rooted, but of darker color.

oz. .10, $\frac{1}{4}$ lb. .15, lb. .50

Early Scarlet Turnip, White Tipped. Beautiful; bright scarlet with white tip.

oz. .10, $\frac{1}{4}$ lb. .15, lb. .50



EARLY LONG SCARLET RADISH.

Fireball. Deep scarlet color; round; early; fine for early out door sowing....oz. .10, $\frac{1}{4}$ lb. .15, lb. .50

Vick's Scarlet Globe. A leading sort for forcing and equally good for open garden culture. Roots oval; rich scarlet color....oz. .10, $\frac{1}{4}$ lb. .15, lb. .50

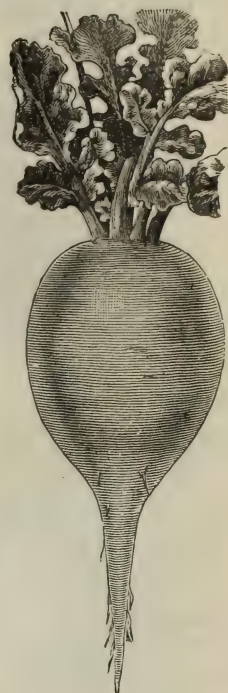
Long Brightest Scarlet. Outsell all others; scarlet, tipped whiteoz. .10, $\frac{1}{4}$ lb. .15, lb. .50

Wood's Early Frame. Long red, small top; for forcingoz. .10, $\frac{1}{4}$ lb. .15, lb. .50

Cincinnati Market. The finest long red radish for forcing. Very attractive; small tops, oz. .10, $\frac{1}{4}$ lb. .15, lb. .50



IMPROVED CHARTIER RADISH.



BURPEE'S SURPRISE RADISH.

Early White Turnip Rooted. Pure white; small topoz. .10, $\frac{1}{4}$ lb. .15, lb. .50

Early Long Scarlet, Short Top. Very long, straight and smooth. 5 lbs. 35c per lb. oz. .10, $\frac{1}{4}$ lb. .15, lb. .40

French Breakfast. Medium sized; olive shaped, scarlet with white tip....oz. .10, $\frac{1}{4}$ lb. .15, lb. .50

SUMMER VARIETIES.

Chartier. Best for early outdoor sowing; roots large; rose, shading to whiteoz. .10, $\frac{1}{4}$ lb. .15, lb. .50

Long White Vienna or Lady Finger. Long white; beautiful. 5 lbs. .40 per lb.; oz. .10, $\frac{1}{4}$ lb. .15, lb. .50

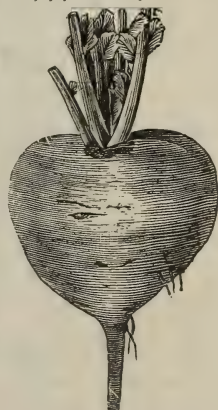
Large White Summer Turnip. Early; root round, smooth, handsome.oz. .10, $\frac{1}{4}$ lb. .15, lb. .50

Golden Globe. Quick growth; produces tender radishes in the hottest climates. oz. .10, $\frac{1}{4}$ lb. .15, lb. .50

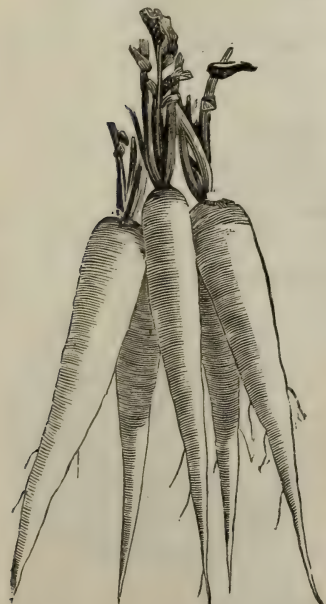
Burpee's Surprise. Of early, quick growth; thin, light brown skin.....oz. .10, $\frac{1}{4}$ lb. .15, lb. .50

White Strasburg. Large summer sort; roots five or six inches long.....oz. .10, $\frac{1}{4}$ lb. .15, lb. .50

White Giant Stuttgart. Large top shaped roots; flesh white and crisp.oz. .10, $\frac{1}{4}$ lb. .15, lb. .50



WHITE GIANT STUTTGART RADISH.



LONG WHITE VIENNA RADISH

We gladly correct any errors made in the execution of orders. Errors sometimes occur, and when they do, we want to know about it at once; we will then make any corrections that will be satisfactory to the customer.

RADISH.—CONTINUED.

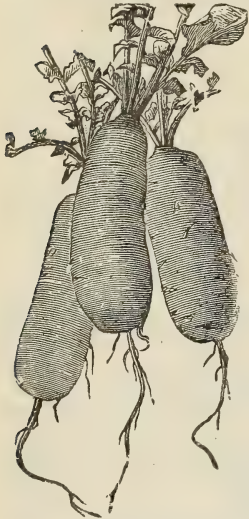
WINTER VARIETIES.



WHITE STRASBURG RADISH.

Round Black Spanish. Roots round or top shaped; flesh white.....oz. .10, ¼ lb. .15, lb. .50

Long White Spanish. Long, thick roots; flesh white, solidoz. .10, ¼ lb. .15, lb. .50



SCARLET CHINA RADISH.

Scarlet China. Form cylindrical, or large at the bottom; skin smooth and of bright rose color.
oz. .10, ¼ lb. .15, lb. .50

California Mammoth White. Very large, white winter varietyoz. .10, ¼ lb. .15, lb. .50



ROUND BLACK SPANISH RADISH.

Long Black Spanish. Best for winter; roots oblong, black; very large....oz. .10, ¼ lb. .15, lb. .50

RHUBARB OR PIE PLANT.

Per packet 5 cents.

Linnaeus. The earliest variety grown; stalks medium size and numerous.
oz. .10, ¼ lb. .30, lb. 1.00

Victoria. Stalks very tall and large. Very productive...oz. .10, ¼ lb. .30, lb. 1.00

SPINACH.

Round Thick Leaved. Large, thick fleshy leaves; a favorite variety, 5 lbs. 60c., 10 lbs. or over 10c. per lb.oz. .05, lb. .15

Savoy Leaved. Leaves numerous, curled and wrinkled; very hardy, 5 lbs. 60c., 10 lbs. or over 10c. per lb.oz. .05, lb. .15

Long Standing. Stands a long time before going to seed; splendid for spring sowing. 5 lbs. 60c., 10 lbs. or over 10c. per lb.oz. .05, lb. .15

Monstrous Viroflay. Has very large, thick, dark green leaves; a popular sort for either fall or spring sowing. 5 lbs. 60c., 10 lbs. or over 10c. per lb....oz. .05, lb. .15



ROUND THICK LEAVED SPINACH.

Victoria. A new variety distinguished by the dark green color of its leaves and also for its long standing qualities. 5 lbs. 60c., 10 lbs. or over 10c. per lb.oz. .05, lb. .15

Special Prices on Spinach Seed in large quantities.

SQUASH.

Per packet, any variety, 5 cents.

Tilton's Extra Large Golden Bush. Largest and best summer squash grown; scalloped; yellow.
oz. .10, ¼ lb. .30, lb. 1.00

Giant Summer Crookneck. Early, extra large; very productiveoz. .10, ¼ lb. .25, lb. .80

Boston Marrow.

Fall and winter variety: bright orange, flesh yellow and fine, oz. .10, ¼ lb. .25, lb. .80.



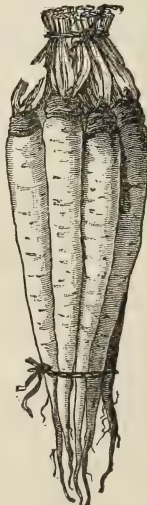
TILTON'S EXTRA LARGE GOLDEN BUSH SQUASH.

SALSIFY OR VEGETABLE OYSTER.

Per Packet, 5 cents.

Mammoth Sandwich Island. An improved variety; of large size, uniform growth, superior quality.
oz. .10, ¼ lb. .25, lb. .80

Long White. A favorite market variety; of good flavor, fine quality.....oz. .10, ¼ lb. .20, lb. .60

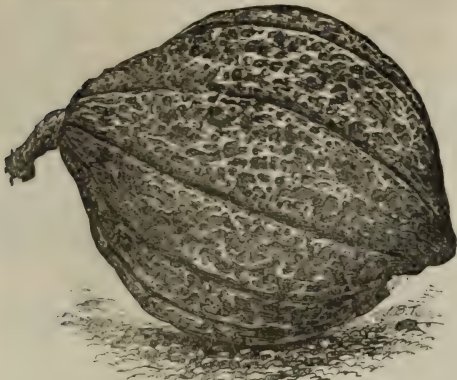


SALSIFY.

We Pay Postage on Flower and Vegetable seeds in packets, ounces, two ounces or ¼ pound. For larger quantities add 8c. per pound to cover postage.

The results to be obtained by using our seeds are best illustrated by the growth of our business. We enjoy the confidence of a vast patronage. Are you on the list?

SQUASH—CONTINUED.



BOSTON MARROW SQUASH.

Improved Hubbard. Best winter squash known; fine grained and dry; our strain is excellent.
oz. .10, $\frac{1}{4}$ lb. .30, lb. 1.00

Warted Hubbard. Large, blackish green; very hard shell, covered with warty knobs, which is a marked characteristic; excellent keeper.
oz. .10, $\frac{1}{4}$ lb. .30, lb. 1.00



IMPROVED HUBBARD SQUASH.

Golden Hubbard. Perfect type of the green Hubbard except in color, which is deep orange yellow; very attractive.....oz. .10, $\frac{1}{4}$ lb. .20, lb. .75

TOMATO.

Per packet, any variety, 5 cents.

Acme. Popular market sort. Purplish pink color; ripen evenly...oz. .25, 2 oz. .40, $\frac{1}{4}$ lb. .60, lb. 2.00

Atlantic Prize. Extra early; fruit large, smooth, bright red,...oz. .20, 2 oz. .35, $\frac{1}{4}$ lb. .50, lb. 1.75

Buckeye State. Very large, solid, productive; bright redoz. .25, 2 oz. .40, $\frac{1}{4}$ lb. .60, lb. 2.00

Dwarf Aristocrat. Large, smooth, solid; rich red color; vine erect, strong.
oz. .25, 2 oz. .40, $\frac{1}{4}$ lb. .75, lb. 2.75

Dwarf Champion. Plant dwarf, compact, upright. Fruit resembles the Acme.
oz. .25, 2 oz. .40, $\frac{1}{4}$ lb. .75, lb. 2.75

Earliana. Very productive; the earliest large Tomato grown.
oz. .65, 2 oz. 1.20, $\frac{1}{4}$ lb. 2.25, lb. 8.00

Fordhook First. Extremely early; deep rich red, tinted with purple. Smooth and of finest quality.
oz. .25, 2 oz. .40, $\frac{1}{4}$ lb. .75, lb. 2.75

Freedom. Extra early, smooth, round and bright scarlet.....oz. .25, 2 oz. .40, $\frac{1}{4}$ lb. .75, lb. 2.50

Honor Bright. Remarkably solid; long keeper; bright red; fine quality.
oz. .25, 2 oz. .40, $\frac{1}{4}$ lb. .60, lb. 2.00

Livingston's Beauty. Large, smooth, regular form, purplish pink color; good yielder; a great favoriteoz. .25, 2 oz. .40, $\frac{1}{4}$ lb. .60, lb. 2.00

Livingston's Favorite. Fruit red, very firm; exceedingly smooth.
oz. .20, 2 oz. .35, $\frac{1}{4}$ lb. .50, lb. 1.75

Livingston's Perfection. Larger than Acme, early, round, deep red, heavy cropper.
oz. .20, 2 oz. .35, $\frac{1}{4}$ lb. .50, lb. 1.75



Lorillard. A good sort for forcing under glass, as well as for out door planting. Very early, smooth, bright red....oz. .30, 2 ozs. .50, $\frac{1}{4}$ lb. .80, lb. 3.00

Magnus. Large, solid and very productive. Purplish pink color, resembling the Beauty.
oz. .25, 2 oz. .40, $\frac{1}{4}$ lb. .75, lb. 2.50

Matchless. Largest size, smooth, handsome; cardinal red; very solid.
oz. .25, 2 oz. .40, $\frac{1}{4}$ lb. .75, lb. 2.75

Stone. Large, smooth, solid, bright scarlet; excellent shipperoz. .25, 2 oz. .40, $\frac{1}{4}$ lb. .60, lb. 2.00

Red Pear Shaped. Fruit bright red, pear shaped; used for preserves.
oz. .20, 2 oz. .35, $\frac{1}{4}$ lb. .60, lb. 2.00

Yellow Plum. Plum shaped; deep yellow; much liked for preserves.
oz. .20, 2 oz. .35, $\frac{1}{4}$ lb. .60, lb. 2.00

TURNIP.

Per packet, any variety, 5 cents.

Early Snowball. Medium sized; round, pure white; excellent for table use. Matures in six weeks from time of sowing.oz. .10, $\frac{1}{4}$ lb. .15, lb. .40



EXTRA EARLY PURPLE TOP MILAN TURNIP.

Extra Early Purple Top Milan. The earliest of all; pure white with clear purple top; desirable for forcing.....oz. .10, $\frac{1}{4}$ lb. .20, lb. .60

Early Purple Top, Strap Leaved. Medium sized, flat, small tops ...oz. .10, $\frac{1}{4}$ lb. .15, lb. .40

Don't take chances on low-priced seeds—they're apt to be of questionable quality and dear goods in the long run.

TURNIP.—CONTINUED.

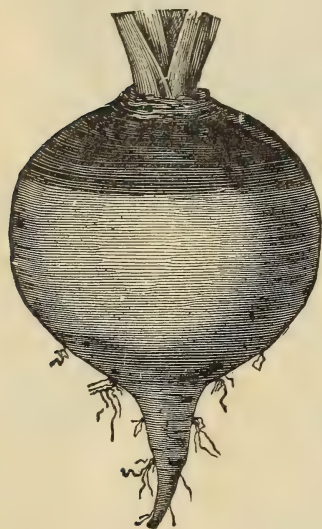
Early Purple Top Munich.

White, with bright purple-red top; flat.

oz. .10, ¼ lb. .15, lb. .40

Early White Flat Dutch. Quick growth; excellent quality.....oz. .10, ¼ lb. .15, lb. .40**Red Top White Globe.** Globe shaped; of beautiful appearance; a fine market sort.....oz. .10, ¼ lb. .15, lb. .40**White Egg.** Perfectly smooth, egg shaped, pure white.

oz. .10, ¼ lb. .15, lb. .40

Pomeranian White Globe. Very productive; grows to a large size.....oz. .10, ¼ lb. .15, lb. .40**Large White Norfolk.** Globular, white; extensively grown for stock feeding.....oz. .10, ¼ lb. .15, lb. .40**Large Amber Globe.** Yellow with green top; good cropper; large.....oz. .10, ¼ lb. .15, lb. .40**Long White or Cow Horn.** Grows quickly, partly above ground; very productive; flesh white and fine grained.....oz. .10, ¼ lb. .15, lb. .40**Purple Top Yellow Aberdeen.** Globe shaped; good keeper.....oz. .10, ¼ lb. .15, lb. .40**Orange Jelly or Golden Ball.** Not large, but firm, hard and sweet.....oz. .10, ¼ lb. .15, lb. .40EARLY PURPLE TOP
STRAP
LEAVED TURNIP.RED TOP, WHITE
GLOBE TURNIP.

PRIZE WINNER RUTA BAGA.

SWEDES OR RUTA BAGAS.

Prize Winner. Purple topped; large size, hardy, sure cropper.....oz. .10, ¼ lb. .15, lb. .50**Improved Purple Top Yellow.** Hardy and productive.....oz. .10, ¼ lb. .15, lb. .50**Sweet Russian or White.** Excellent for table or stock; flesh white.....oz. .10, ¼ lb. .15, lb. .40

TOBACCO.

Per packet, 5 cents.

Connecticut Seed Leaf. Best variety for the Northern States.....oz. .25, 2 oz. .40, ¼ lb. .75**Havana.** Pure Cuban grown seed.

oz. .40, 2 oz. .75, ¼ lb. 1.00

HERBS.

Per packet, any variety, 5 cts.

Anise. Aromatic seeds...oz. .10, ¼ lb. .20, lb. .75**Borage.** The leaves are used as a salad.

oz. .10, ¼ lb. .30, lb. 1.00

Caraway. The seeds are used in confectionery, cakes, etc.

oz. .10, ¼ lb. .15, lb. .50

Coriander. Aromatic seeds which are used in confectionery, etc.

oz. .10, ¼ lb. .15, lb. .50

	Oz.	¼ lb.	Lb.
Dill. Sometimes used in pickles to heighten the flavor .....	.10	.15	.50
Lavender. An aromatic herb, used for the distillation of lavender water.....	.15	.40	1.50
Saffron. Cultivated for its flowers .....	.10	.30	1.00
Sage, Broad Leaf. Used for flavoring and dressing. ....	.15	.40	1.50



SWEET BASIL.



SAGE.

SWEET
MARJORAM.SUMMER
SAVORY.

THYME.

Sweet Basil. Seeds and stems used in soups and sauces .....	.15	.40	1.50
Sweet Fennel. Leaves and seeds used in flavoring, etc. ....	.10	.30	1.00
Sweet Marjoram. Tops used for flavoring.....	.15	.40	1.50
Summer Savory. Dried leaves and stems used for flavoring.....	.10	.30	1.00
Thyme. Used for medicinal and culinary purposes .....	.25	.75	2.50

It pays the planter to buy seeds from reliable seedsmen. You may be reasonably certain then that you will harvest a good crop.

SELECT LIST OF



CHOICE FLOWER SEEDS



In this list we describe the leading flowers grown from seed. The varieties offered are arranged alphabetically, principally under the scientific name, but in some cases by the popular or common name. Our flower seeds are of the very best quality; many are grown for us under contract by the best growers in America, while all foreign grown varieties are of our own importation direct from the most reliable growers in Europe, who, on account of their integrity, special facilities and location, are able to produce the different varieties to their greatest perfection. Most varieties are furnished in superb lithographed packets; on the face of each packet is a carefully colored portrait of a flower or flowers of the species, while on the reverse side is given a much reduced figure of the whole plant in flower.

Cultural directions in English, German and French accompany each packet.

All flowers raised from seed are known as Annuals, Biennials and Perennials. Each of these classes is again divided into two classes, viz.: the hardy and half-hardy, or tender kinds.

Annuals are those plants which flower, or ripen their seeds or fruits the season they are sown, and then perish. **Hardy Annuals** require no artificial heat at any period of their growth; every stage of their development, from germination to ripening of the seed, being passed in the open ground. They are the most easily cultivated of all plants.

Half-Hardy Annuals flower and ripen their seeds in the open air, but need the assistance of artificial heat in the earlier stages of their growth.

Biennials are those plants that grow from seed one year, bloom and die the next, though some varieties bloom the first season if sown early.

Hardy Biennials can remain in the open ground all winter; they require no protection.

Half-Hardy Biennials require protection and should be started in the frame or cool house and transferred to the open ground in spring after danger from frost.

Perennials are those plants which last for several years, flowering annually after the first season. Some varieties bloom the first season if started early.

Hardy Perennials can remain in a permanent situation in the open ground; they require no protection.

Half-Hardy Perennials require to be well protected, some varieties requiring such protection as is afforded by a greenhouse or dry cellar.

PRICES.

Where the price per ounce is 15c or less we do not sell half ounces.

Quarter ounces are sold at the ounce rate only when price per ounce is 60c or more, unless otherwise specified. Quarter pounds are charged at the pound rates. $\frac{1}{8}$ lbs. at the ounce rate.

The figures at the right opposite each variety denote the price, in cents, per packet.

AGERATUM.



Ageratum, Dwarf.

A hardy annual, desirable for cut flowers, or in borders, flowering continually and profusely.

Ageratum Mexicanum. Light blue, two feet high.

Per oz., 15c..... .05

Ageratum Mexicanum, Albiflorum. White, two feet high. Per oz., 15c..... .05

Imperial Dwarf Blue. Eight inches high. Per oz., 30c..... .05

Imperial Dwarf White. Eight inches high. Per oz., 30c..... .05

Little Dorrit. Azure blue, six inches high. Per oz., 30c..... .05

ALTHAEA.—See Hollyhock.

ALYSSUM.

A desirable hardy annual, flowering from early spring till killed by frost, and all winter in the greenhouse, if sown in August. Flowers pure white, in racemes, and of a peculiar delicate fragrance. Most effective in masses, with plants one foot apart. Useful in all kinds of small bouquets. Grows one foot high.

Every home should have a flower garden. A small plot of ground planted with our flower seeds will produce an abundance of flowers for decorating the table.



Sweet Alyssum.

Alyssum, Benthami (Maritimum.) Sweet Alyssum, white, nine inches. Per oz., 15c; lb., \$1.25.... .05

Little Gem. Very dwarf, four to six inches high, each plant covering a space 15 to 30 inches in diameter. Per oz., 25c; lb., \$2.50..... .05

AMARANTHUS.

Well known annuals; very ornamental, of rapid growth and easy culture.

Amaranthus, Caudatus. (Love-lies-bleeding), long, dark red; drooping flower spikes..... .05

Tricolor. (Joseph's Coat), beautiful show plants for summer bedding, growing two to three feet high. Leaves red, yellow and green..... .05

ANTIRRHINUM.—Snap Dragon.

The Antirrhinum is an old favorite border plant, with dark and glossy leaves, and large, curiously shaped flowers with finely marked throats. Blossoms the first season from seed sown in the spring, but the blossom will be much stronger the second season. Succeeds best in dry, loamy soil. Tender perennial, one and one-half to two feet high.

Majus, Romeo, deep rose, fine, per oz., 50c..... .10

Tall varieties, mixed, per oz., 40c..... .05

Large Flowering—

Album. Pure white, per oz., 50c..... .10

Brilliant. Scarlet, golden and white, per oz., 50c..... .10

Crescia. Deep scarlet, per oz., 50c..... .10

Chamois. Per oz., 50c..... .10

Luteum. Yellow, per oz., 50c..... .10

Nanum, Queen of the North. Dwarf, pure white, per ounce, 50c..... .10

AQUILEGIA.—*Columbine*.

Hardy perennial plants, growing from one and one-half to three feet high, bearing in profusion large drooping flowers of novel shape and great variety of colors. Very ornamental and among the best of hardy border plants. May be propagated by dividing the roots.

Aquilegia, Vulgaris, fl. pl. Double varieties, mixed. Per oz., 30c..... .05

ASPARAGUS.

100 seeds 1000 sds.

Plumosus Nanus..... \$1.00 \$7.50
Sprengeri..... .15 1.25

ASTER.—*Callistephus Chinensis*.

Among the many annuals now in cultivation, Asters are the most popular. There are few flowers that combine so much beauty, variety of habit, form and color, and few are easier grown. They are favorites for bedding, bordering or pot culture, but to see them in their beauty should be grown in masses and well cultivated, not at any stage left to poor culture. For summer and autumn flowering they are unexcelled. The seed we offer comes from the most celebrated German growers, and has been saved from the best double flowers.

**Aster, Dwarf Chrysanthemum Flowered.****Aster, Dwarf Chrysanthemum Flowered.**

Surpasses all the dwarf varieties in size of flowers. They are full and double and produced in clusters of 20 to 30 on a plant. Height, 10 inches. Later than other varieties and therefore valuable for succession.

White. Per oz., \$1.50..... .10
 Finest Mixed. Per oz., \$1.25..... .10

Earliest Paris, or Queen of the Earlies.

White; the earliest of all Asters. Per oz., \$1.00.... .10

Queen of the Market. Blooms three weeks earlier than other Asters. Plants are dwarf, very branching, blooming freely; double flowers borne on long stems; excellent for growing under glass.

White, per oz. 50c..... .10 | Light Blue, per oz. 50c..... .10
 Rose " 50c..... .10 | Dark Blue, " 50c..... .10
 Crimson " 50c..... .10 | Mixed. Per oz., 40c..... .10

Giant Comet. A superb new class of Asters. The plants are dwarf and of pyramidal growth. Flowers are extremely beautiful, three and one-half to four and one-half inches across, composed of long, wavy, twisted petals which form loose yet dense half globes, much resembling the large flowered Japanese Chrysanthemums.

White, very fine, per oz. \$1.25..... .10
 Rose, very effective, per oz. \$1.25..... .10
 Carmine " 50c..... .10
 Finest Mixed. Per oz., \$1.00..... .10

Princess. A magnificent class similar to the Mignon Aster. A profuse bloomer, a single plant often producing 30 flowers, of half globular form and composed of short, thickly set, imbricated petals, giving them the appearance of a White Lilliput Dahlia. Fine for pot culture. Pure White or "Snowball," one of the finest white Asters; very long bloomer; excellent for florists. Per oz., \$2.00..... .10

Mixed. Per oz., \$2.00..... .10

Mignon. An excellent new class resembling in habit, height and form, the Victoria, but a more profuse bloomer. The flowers are of refined form and are particularly valuable for cutting.

Pure White, excellent. Per oz. \$1.50..... .10
 Peach Blossom, beautiful pink. Per oz. \$1.50..... .10
 Crimson. Per oz. \$1.50..... .10
 Light Blue, splendid. Per oz. \$1.50..... .10
 Mixed, a great variety of colors. Per oz., \$1.25..... .10

Truffaut's Paeony-Flowered Perfection. A magnificent class, with large, fine flowers, three to four inches in diameter, with long, beautifully incurved petals. Forms large compact plants one and one-half to two feet high.

Pink, per oz. \$1.25..... .10 | Dark Crimson } per oz. .10
 Pure white, per oz. \$1.25 .10 | Light blue } \$1.25. .10
 Purple Violet Per oz., \$1.25..... .10
 Finest Mixed, nearly 30 distinct shades and colors. Per oz., \$1.00..... .10

**Aster, Victoria.**

Victoria. This is without doubt the most handsome Aster in cultivation. Flowers are massive and showy, with petals curving out and down and overlapping like petals of the double Dahlia. Height about two feet.

Pure White10
 Peach Blossom, beautiful pink. }10
 Dark Scarlet Per oz., \$2.00..... .10
 Light Blue }10
 Violet }10
 Finest Mixed, contains over 20 colors. Per oz., \$1.75..... .10

Late Branching. This Aster is a strong grower of branching habit, and blooms later in the season than any other variety. The flowers are of large size, four inches and over in diameter; borne on long stems, with broad long petals.

White } Per oz., | Lavender } Per oz.,
 Shell Pink } \$1.0010 | Indigo } \$1.0010
 Fine Mixed. Per oz., 75c..... .10

Lady in White. A new strain, producing in great profusion beautifully shaped white flowers of medium size, on plants of graceful habit, and distinctive long leaves. Per oz., \$2.00..... .15

**Aster, Semple's Branching.**

Semple's Branching. A choice strain of American grown Asters. The plants are of branching habit; flowers are of perfect form, four to six inches in

We seek patronage on the merits of our goods. We meet our competitors squarely, but in no case will we sacrifice quality to price.

diameter, borne on long stems, and equal to early Chrysanthemums, which they much resemble.

Pure White ...	Per .10	Crimson, per oz., \$1.00...	.10
Pink	oz. .10	Purple, ..	.. \$1.00... .10
Lavender Blue	\$1.00 .10	Finest Mixed, per oz. 75c	.10

Ball or Jewel. A new and beautiful class of Asters, similar to the Paeony Perfection race, but dwarfer in habit, and with shorter petals and perfectly round flowers.
Fine Mixed, per oz., \$1.00..... .10



Aster, Crown.

Crown or Cocardeau. A very showy variety, from one and one-half to two feet high. The large double flowers have a center of purest white, surrounded with petals of a distinct bright color. Mixed, per oz., \$1.00..... .10

Dwarf Bouquet. A very pretty class; profuse flowering, producing 20 to 50 heads of bloom, 8 to 12 inches high. Mixed colors, per oz., \$1.00..... .10

Imbricated Pompon. This class has exquisite shaped flowers, very full and double, with narrow petals closely imbricated, forming a most perfect pompon. Excellent for bouquets. Fine mixed, oz., \$1.0010

China. A tall growing variety with large double flowers of globular shape. Plants two feet high. Mixed, embracing a great variety of colors, per oz., 50c.... .05

AURICULA.—See *Primula Auricula*.

BACHELOR'S BUTTON.

A name sometimes applied to *Centaurea Cyanus*, q. v.

BALLOON VINE.—*Cardiospermum*.

A rapid growing, tender, annual climber; succeeds best in light soil and warm situation. Flowers white; seed vessels look like miniature balloons. Per oz., 20c..... .05

BALSAM.—*Impatiens Balsamina*.

Lady Slipper. Touch-me-not.



Balsam, Double.

One of the most beautiful of popular summer blooming annuals, forms a showy, bush-like plant one and one-half to two feet high, profusely covered with large double flowers of bright colors.

Double Rose Flowered. An excellent strain, many of the flowers approaching the perfection of the rose in shape and fullness.

Pure White, per oz., 75c.....	.10
Splendid Mixture, per oz., 50c.....	.10
Double, Very Fine Mixed. A rich effective mixture of fine double varieties. Per oz., 20c.....	.05

BELLIS.—*Double Daisy*.

Splendid plants for early spring and summer, flowering in cool, shady places; admirably adapted for edging, borders and low beds, and also suitable for growing in pots. They are easily raised from seed and bloom the first season if started early in the house.



Bellis Perennis.

Bellis Perennis, fl. pl., Longfellow. Very large pink blooms with long flower stalks. $\frac{1}{8}$ oz., 50c; oz., \$3.50..... .10

Bellis Perennis, Snowball. Large and very double, pure white flowers borne on long stems. $\frac{1}{8}$ oz., 60c; oz., \$4.0010

Bellis Perennis, Maxima Alba. Largest double white. $\frac{1}{8}$ oz., 60c; oz., \$4.00..... .10

Bellis Perennis, Maxima Mixed. Giant double varieties. $\frac{1}{8}$ oz., 50c; oz., \$3.50..... .10

Bellis Perennis, Double Mixed. Finest quality from collection flowers. $\frac{1}{8}$ oz., 40c; oz., \$2.50..... .05

CALCEOLARIA.

An ornamental plant, producing a mass of beautiful pocket-like flowers early in spring, and a universal favorite for the greenhouse or conservatory. Greenhouse perennial; seed should be sown in July or August.



Calceolaria Hybrida, Large Flowered.

Calceolaria Hybrida Grandiflora. Tigred and self-colored, in finest mixtures. Flowers of largest size and most brilliant coloring. Seed saved from choicest collections. Per pkt., 50c; $\frac{1}{2}$ pkt..... .25

CALENDULA.—*Pot Marigold*.

Showy, free flowering, hardy annuals, growing in any good garden soil, producing a fine effect in beds or mixed borders, and continuing in bloom until killed by frost; valuable also for pot culture, blooming freely in winter and early spring; one foot high.

Calendula, Meteor. Large double yellow, striped with orange. Per oz., 15c..... .05

Mail facilities are increasing. Rural free delivery has many unforeseen advantages—has doubled the value of postal facilities wherever introduced. Buy your seeds by mail.

- Prince of Orange.** Resembles Meteor, but is much darker. Per oz., 15c. .05
Sulphurea, fl. pl. Large full double flowers of a pleasing sulphur yellow color. Per oz., 15c. .05
Mixed. Fine mixture of double varieties. Per oz., 15c. .05

CALIFORNIA POPPY.—*See Eschscholtzia.* **CALLIOPSIS.**

A very showy border plant, producing flowers in nearly every shade of yellow, orange, crimson, red and brown. If the seed pods are removed as soon as they appear, the plant will remain in bloom much longer. Two feet high.
Calliopsis. Fine mixed. Per oz., 10c. .05
 For perennial varieties see *Coreopsis*.

CALLISTEPHUS CHINENSIS.

See Aster.

CAMPANULA.

This is one of the oldest of ornamental garden plants and is of the easiest culture. Grows two and one-half feet high, producing large bell-shaped flowers of different shades, which are very effective.

- Campanula, Medium.** (Canterbury Bells.) Single mixed. Per oz., 75c. .05

CANARY BIRD VINE.

Tropaeolum Canariense.

A rapid growing summer climbing annual growing 10 to 15 feet high. It will cover trellis work in the most graceful manner, producing hundreds of its pretty fringed bright yellow flowers, which resemble a canary bird with expanded wings. Per oz., 25c. .05

CANNA.—*Indian Shot.*



Canna.

Grand ornamental plant with stately foliage and large spikes of brilliant flowers. Plants grown from seed will bloom slightly the first year, and form large roots which will flower profusely the second summer. Tender perennial, two to six feet high.

- Canna, Crozy's New Hybrids.** Made up from seed obtained direct from Mr. Crozy and other noted foreign specialists, saved from the handsomest of late introductions. Most of them are of dwarf habit, large bloomers, and very remarkable, both for beauty and size of flower and foliage. Mixed, per oz., 15c; lb., \$1.25. .10

- Canna, Dark-Leaved Varieties.** Flowers large; foliage very dark colored. Mixed, per oz., 25c. .05

CANDYTUFT.—*Iberis.*

Well known hardy annuals of the easiest culture; great favorites for beds, edgings, pots and borders, and considered indispensable for cutting. The plants flower profusely throughout the entire season.

- Candytuft, New Giant Hyacinth Flowered.** This improved new strain is far superior to that well known kind, Empress, heretofore the best of its class. The flower heads are of immense size, six inches long and about three inches across, resembling a Dutch Hyacinth. Pure white; excellent for cutting. Per oz., 30c. .15

- Empress.** A handsome pure white variety, intermediate in height between the Rocket and Tom Thumb sorts. The plant is of branching habit,

each branch producing a large truss of flowers and the whole plant presenting a candelabra-like profusion of bloom throughout the summer. Per oz., 20c; per lb., \$2.00. .10



Candytuft, Rocket.

- Tom Thumb.** A dwarf, white flowered variety, four to six inches high, and especially suited for edging. Per oz., 20c. .05
White Rocket. (Iberis Coronaria.) A standard sort, producing large trusses of pure white flowers; admirably suited for cutting, per oz., 10c; lb., 50c. .05
White. (Iberis Amara.) The common white variety, per oz., 15c. .05
Crimson. (Iberis Umbellata Purpurea.) Dark crimson; the best dark variety. Per oz., 10c. .05
Carminé. (Iberis Umbellata Carminea.) Oz., 25c. .05
Mixed. Annual varieties in good mixture, per oz., 10c; lb., 60c. .05

CANTERBURY BELLS.

See Campanula.

CARNATION.—*Dianthus Caryophyllus.*

A universal favorite; one of the most esteemed flowers of the florists' collection, and indispensable in every collection of conservatory or house plants, while for open ground culture it is very desirable. It is not surpassed in elegance, beauty or fragrance by any other flower. The flowers are borne on long stems, rendering them excellent for cut flowers. Half-hardy perennials. One to one and one-half feet high.



Carnation, Double Perpetual.

- Carnation, Double Perpetual.** This new carnation was raised by a famous French specialist who claims it to be the best of his introduction. Handsome double flowers are produced in great profusion, in every variety of color, on vertical straight stalky flower stems. Blooms in about seven months from sowing of seed and continues to flower indefinitely. It will be found invaluable for florists and amateurs. Seed can be sown either in autumn or early spring. Per 1/8 oz., 40c. .15

We can sell, and do sell our goods (quality considered) as low as any other concern. We conduct our business on "high levels," and make no attempt to do a "cut-throat" business.



A magnificent class of carnations that will bloom in four months after sowing of the seed. The flowers are of brilliant colors, ranging through many beautiful shades of reds, pinks, white, variegated, etc. They are of perfect form and large size, and what is of special value, the calyx never bursts. Those sown in spring commence flowering in early summer and continue to bloom most abundantly until checked by frost. They can be potted and taken into the house and will flower through the winter. The plants are dwarf, much branched, compact and robust in habit, consequently supporting themselves. The seed we offer is an improved strain of the semi-dwarf class, which is most valuable.

- Finest Mixed.** Per oz., \$2.00..... .10
Giant Marguerite. A much improved class, both in size of flower and doubleness, yielding a rich display of colors. Per 1/8 oz., \$1.00..... .20
Carnation, Extra Choice, Double. A very fine strain, mixed, per oz., \$2.50..... .10

CASTOR OIL PLANT.—*Ricinus*.

A very ornamental, strong growing plant with leaves of green, brown or bronzed metallic hue, and long spikes of prickly capsules of scarlet and green. An elegant plant for a lawn or as a center plant of groups of Cannas, Dahlias, etc., Half-hardy annual, six to ten feet high.



Castor Oil Plant.

- Castor Oil Plant, Zanzibariensis.** An entirely distinct new sort, with enormous leaves, measuring two to two and one-half feet across, and in different plants ranging from light green to deep bronze. Exceedingly striking and beautiful, per oz., 15c..... .10
Castor Oil Plant. Mixed varieties, per oz., 10c.... .05

"The other fellow" may offer an inferior grade of seed at a trifle lower price than ours, but can you for the few cents difference in the price afford to risk the success of your crop? Be careful then where your order goes.

CELOSIA, OR COCKSCOMB.

Free blooming annuals, growing best in rather light soil, not too rich, producing ornamental comb-shaped flowers; make grand border plants and are attractive for pots. Half-hardy.

- Celosia Cristata Nana.** Dwarf Cockscomb. Compact, low-growing plants with showy combs. Rich and brilliant colors, mixed. Per oz., \$1.00..... .05

CENTAUREA.

Flowering Varieties.

- Centaurea, Cyanus.** (Ragged Sailor, Corn Flower, Blue Bottle.) Sometimes called Bachelor's Button. A perfectly hardy border plant, thriving finely in any common garden soil, but the flowers are more brilliant if grown in gravelly ground. Under cultivation it is really a handsome flower, sporting its varieties of white, purple, pink, parti-colored, etc. Hardy annual, two to three feet high. Mixed, per oz., 10c..... .05
Emperor William. A fine dark blue variety, per oz., 15c..... .05
Imperialis. Mixed, a new large-flowered hardy class; flowers of various colors; fine for cutting. Oz., 75c. .10
Moschata. Mixed, large flowering Sweet Sultan. Oz., 20c..... .05

Giant-Flowering Sweet Sultans.

Very large, sweet-scented flowers; may be described as gigantic corn-flowers and are of same easy culture, succeeding everywhere.

- Odorata.** Light blue. Per oz., 75c..... .10
Chameleon. Yellow and rose. Per oz., \$1.00..... .10
Margaritae. Pure white. Per oz., 75c..... .10
Suaevolens. Very showy; large bright yellow flowers. Per oz., 25c..... .05
Centaurea Gymnocarpa. (Dusty Miller.) A valuable ornamental leaved plant, forming a graceful round bush of silvery gray, fern-like leaves, making a fine contrast when massed with dark foliage plants. Half-hardy perennials, one and one-half feet high. Per oz., 35c..... .10

CHRYSANTHEMUM.

Showy and effective garden favorites, exclusively grown for cut flowers. They produce on long stems beautiful large flowers of many bright colors.



Chrysanthemum, Mixed Annual Varieties.

SINGLE ANNUAL SORTS.

- Showy, free blooming plants of thrifty habit, 12 to 18 inches high. Hardy annuals.
Carinatum. Fine mixed single, per oz., 15c..... .05
Frutescens. Paris Daisy or "Marguerite." The finest of the white "Daisies." Produces its pretty white star shaped flowers in great abundance. Popular with florists; valuable for cutting. Succeeds well in any garden soil; two and one-half feet high. Per oz., 65c..... .10

DOUBLE ANNUAL SORTS.

- Hardy garden plants one and one-half to two feet high, blooming plentifully throughout the summer and until frost.
Coronarum, fl. pl. Double white and yellow mixed, per oz., 15c..... .05
Carinatum Hybridum, fl. pl. Double hybrids, new and unique varieties. Pure white, yellow, bronzy yellow, crimson, etc., tinged with red, lilac or rose. Finest mixed colors. Per oz., 30c..... .10

PERENNIAL VARIETIES.

- These are the popular fall flowering Chrysanthemums that attract so much attention at the autumn shows. Plants raised from seed bloom the first year if sown early.
Chinese and Japanese Varieties. Saved from the finest varieties in cultivation and cannot fail, with proper care, to give magnificent flowers in a wonderful variety of color and form..... .25

CIGAR PLANT.—See *Cuphea Platycentra*.

CINERARIA.**FLOWERING VARIETIES.**

One of the most ornamental and useful greenhouse flowering plants. Has large handsome flowers measuring two to three inches in diameter, the colors being distinct and richly diversified. Greenhouse perennial.

**Cineraria Hybrida, Semi-Dwarf.**

Cineraria Hybrida Grandiflora Nana. Large flowered semi-dwarf prize varieties, splendid strain, mixed. 250 seeds, 50c; 1-16 oz., \$7.00..... .25

COLUMBINE.—See *Aquilegia*.

COBAEA.**Cobaea Scandens.**

A rapid growing climber, attaining a height of 20 to 30 feet in a season. Can be grown in the garden in summer and in the greenhouse or conservatory in the winter. Bears large bell-shaped flowers which are produced in great profusion. Half-hardy perennial.

Cobaea Scandens. Purple. Per oz., 30c..... .10

Cobaea Scandens, Alba. White. Per oz., 75c..... .10

“ Mixed. Per oz., 50c..... .10

COREOPSIS.

Coreopsis Grandiflora. The flowers of this much improved variety are much larger and more beautiful than any other offered; bright yellow on long stems; keep fresh in water for a week or ten days. Oz., 30c..... .05

Coreopsis Lanceolata. One of the finest of hardy plants; very large golden yellow flowers; excellent for cutting, will thrive in almost any situation..... .05

CLARKIA.

Very pretty free flowering annuals for flower beds. The flowers are very showy and of many colors; one and one-half feet high.

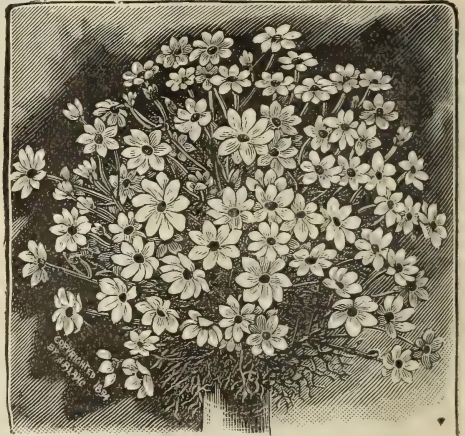
**Clarkia, Single and Double Varieties.**

Clarkia, Elegans. Single and double, fine mixed. Per oz., 10c..... .05

CORN FLOWER.—See *Centaurea Cyanus*.
CONVOLVULUS, MAJOR.—See *Morning Glory*

COSMOS.

A showy autumn flowering plant, with elegant foliage, of very strong growth, and considered of great value for cutting. The plants grow from six to eight feet high, and in blooming season are covered with hundreds of blossoms two and three inches in diameter and resemble single Dahlias. A quite hardy annual.

**Cosmos, Large Flowering.**

Cosmos, Giant Early Flowering Fancy. The flowers of this superb new strain are of immense size, measuring four to five inches in diameter, and are produced in great diversity of form and coloring; the colors range from pure white through shades of pink, deep rose and crimson to light red. Mixed. Per oz., 40c..... .10

Dwarf Early Flowering “Dawn.” This new variety comes into flower in July, and continues a mass of bloom until cut down by severe frost; more bushy and compact than the older varieties, growing only 4 feet high, while all others attain a height of 6 to 7 feet. The flowers are fully as large as those of the old sort; the color is a beautiful white, with a tinge of rose at the base of the petals. Oz., 50c..... .10

Mammoth Perfection. A vast improvement over the old sort; flowers are of mammoth size, the petals being broad and overlapping, form a perfectly round flower. A magnificent strain, representing the highest development in Cosmos to date. White, per oz., 40c... .05 | Crimson, per oz., 40c... .05
Pink, per oz., 40c... .05 | Mixed, per oz., 30c... .05

CUCURBITA.—See *Gourds*.

CUPHEA.

Cuphea, Platycentra. (Cigar Plant.) A most interesting plant, useful for bedding purposes and for house culture. Forms a dwarf, compact bush about 12 inches high and bears a profusion of vermilion tube-shaped blossoms with black lower lip and edged with white on the tip. Half-hardy annual.... .05

Cleveland's one of the best distributing points on the map; with the shipping facilities that we have, the most remote buyer has our goods at his door.

CYPRESS VINE.—*Ipomœa Quamoclit*

A most beautiful climber, with delicate, dark green, feathery foliage, and an abundance of bright, star-shaped, rose, scarlet and white blossoms, which in the bright sunshine present a mass of beauty. Planted by the side of a veranda, tree or stakes, and trained properly, there is nothing prettier. Tender annual; fifteen feet high.

Cypress Vine. Scarlet, per oz., 20c..... .05
Cypress Vine. White, per oz., 20c..... .05
Cypress Vine. Mixed, per oz., 15c..... .05

CYCLAMEN.

Beautiful winter and spring flowering tuberous-rooted plants for pot culture in conservatory or greenhouse; bearing large handsome flowers in a variety of bright colors. Tender perennial.

**Cyclamen Persicum.**

Cyclamen Persicum, Giganteum. An extra choice strain saved from very large flowers of rich and varied colors. Finest mixed, per 100 seeds, 50c. .25

DATURA.**Datura, Cornucopia.**

Datura, Cornucopia. A highly interesting novelty, forming a good sized bush-like plant in a single season. The flowers are composed of three funnel-shaped tubes, growing each within the other, the throat and mouth of each tube being a delicate white and the outside a mottled purple. The flowers are eight to ten inches in length and five to seven inches across the mouth. This novelty is of easy culture, does splendidly in the open ground; may be grown as single specimen, in groups, or among shrubbery. Per oz., 50c..... .10

DAHLIA.

A very popular race of plants that may be had in the greatest variety and beauty from seed, both of the single and double sorts. Seed sown in spring will produce some flowers the same season, and the large roots will give a profusion of bloom the next year. Tender perennials, four to six feet high.

Dahlia, Double, Large Flowered. Large double flowers of perfect form and rich colors and markings. Per oz., \$2.00..... .10

Cactus. Finest mixed, from a splendid collection, containing all the best new varieties. Oz., \$3.00.... .10

Single, Giant Perfection. This strain is a decided advance on the ordinary single varieties. The plants are of strong, robust habit, and produce in great abundance flowers of immense size and of greatest variety of coloring. Per oz., \$1.00..... .10

Single Varieties. Splendid mixture. Per oz., 60c.. .05

DAISY.—*See Bellis.***DELPHINIUM.**—*Hardy Larkspur.*

Very ornamental, free flowering perennials, with splendid flowers and curiously cut leaves. Indispensable for permanent beds and borders.

Delphinium Formosum. Flowers deep blue with white center, in tall, much crowded spikes; two to three feet high. Per oz., 50c..... .05

Nudicaule. Compact and abundant bloomer with large, scarlet flowers; one and one-half feet high. Oz., \$2.00..... .10

For annual varieties see Larkspur.

DIANTHUS.—*Pinks.*

The family of Dianthus is by far the most useful of all the biennials and perennials, and for beauty and variety cannot be surpassed. The delicacy and richness of the tints, combined with the aromatic fragrance of many of the species, are valuable recommendations for the entire family.

**Dianthus, Chinensis, fl. pl.**

Dianthus, Chinensis, fl. pl. Double China Pink; a biennial of dwarf habit; flowers the first year but the bloom is stronger the second. Finest double mixture, per oz., 25c..... .05

Heddewigii. Finest single mixed; flowers deeply fringed or feathered; broad and round and of exquisite colors. Half-hardy annual, per oz., 40c.... .05

Heddewigii, Hybridus, fl. pl. Double Japan Pink; flowers very large and double, two to three inches in diameter and of many brilliant colors. Half-hardy annual. Choicest mixed, per oz., 50c.... .05

Imperialis, fl. pl. Double Imperial Pink; very beautiful; many charming colors. Extra fine mixture, per oz., 30c..... .05

Plumarius. Pheasant's Eye Pink; the sweet-scented single grass pink; large finely fringed flowers. Hardy perennials. Fine mixed, per oz., 20c..... .05

Plumarius, fl. pl. Double and semi-double varieties in beautiful colors, per oz., \$2.00..... .10

DIANTHUS.—*Barbatus.*

See Sweet William.

DIANTHUS.—*Caryophyllus.*

See Carnation.

DIGITALIS.—*Foxglove.*

A handsome and highly ornamental hardy perennial plant, of stately growth; fine for shrubberies and other half-shady places; three feet high.

Digitalis, Gloxiniflora. A very beautiful class with spotted flowers; all colors mixed. oz., 20c.... .05

An economical way to buy seeds is to get three or four of your neighbors to join with you and send your orders in together.

DOLICHOS.—*See Hyacinth Bean.***DRACAENA.**

Very showy foliage plant with narrow arching leaves; extensively used for centers of hanging baskets and vases, and for decoration.

Dracaena Indivisa. Narrow leaved, per oz., 30c.. .10
Dracaena Indivisa Lineata Per oz., 50c..... .10

ECHINOCYSTIS.

Wild Cucumber Vine.

Echinocystis Lobata. A rapid, luxuriant growing annual climber; very useful for quick effects; splendid for covering old trees, fences, etc., per oz., 20c... .05

ELICHRYSUM.—*Everlasting Flower.*

Very showy summer-blooming annuals producing large, full double flowers of various colors, from bright yellow to scarlet, shaded and tipped. Not only handsome as garden plants, but valuable as an "everlasting" for winter bouquets. When used for this purpose the blossoms should be gathered on the point of expanding. One to two feet high.



Elichrysum.

Elichrysum, Monstrosum, fl. pl. Large flowering double, very showy and rich mixture, per oz., 25c05

ESCHSCHOLTZIA.

California Poppy.

Very showy summer flowering annuals; blossoms about two inches in diameter, saucer shaped, of many brilliant and showy colors; are produced in great profusion. Excellent for bedding or borders; also fine for pot culture. One foot high.

California. Yellow, per oz., 20c..... .05
California, Alba. White, per oz., 20c..... .05
California. Mixed, per oz., 20c..... .05
Mixed, Double, per oz., 30c..... .05

EVERLASTING.—*See Elichrysum.***FEVERFEW.**—*See Matricaria.***FORGET-ME-NOT.**—*See Myosotis.***FOUR O'CLOCK.**—*Mirabilis Jalapa.*

Marvel of Peru.



Four O'Clock.

Handsome, sweet-scented free flowering plants; some varieties have beautifully variegated leaves. The flowers are funnel-shaped, white, red and striped, and open about 4 o'clock in the afternoon, remain open all night and generally perish before noon the next day. Hardy annual, two feet high.

Four O'Clock. White, Yellow, Rose, Crimson, Lilac, and Mixed, oz., 10c; lb., 40c..... .05

GAILLARDIA.

A very showy and useful class of plants; remarkable for the profusion of bloom, size and brilliancy of their flowers. Effective when grown in masses, flowering during the entire summer and autumn. One and one-half feet high.



Gaillardia.

Gaillardia, Grandiflora. Splendid new perennial varieties with large flowers, dark crimson centers, marked with rings of many different colors. Mixture. Per oz., 30c..... .10

GODETIA.

Beautiful garden plants of easy cultivation in any good garden soil, and remarkable for the delicacy of their very large blossoms. Hardy annual; one to one and a half feet high.



Godetia.

Godetia. Fine mixed, per oz., 15c..... .05

GOLDEN FEATHER.

See Pyrethrum Aureum.

If your neighbor would like to have this copy of our catalogue give it to him; drop us a postal for another or as many as you want and we will mail same to you at once, and remember you otherwise.

GOURDS—*Cucurbita*.

A tribe of climbers with curiously shaped fruit in various colors. Being of rapid growth, they are fine to cover old fences, trellises, stumps, etc. The foliage is quite ornamental and the markings of some of the fruit are extraordinary. Do not plant the seed until all danger of frost is over and select rich mellow ground. Tender annual climber; 10 to 20 feet high.

**Ornamental Gourds.**

Gourds, Ornamental. Mixed, per oz., 15c..... .05

GREVILLEA ROBUSTA.*Silk Oak.*

A very beautiful and useful decorative plant, with fern-like foliage; excellent for table decoration; easily raised from seed, producing good sized plants in a short time.

Grevillea Robusta Per oz., 50c..... .10

HELIANTHUS—*See Sun Flower.***HELIOTROPE.**

Highly valued for the fragrance of their flowers, and duration of bloom. They succeed in any rich, light soil, and cuttings of the shrubby kinds, taken off while young, start readily. Start under glass. Half-hardy perennial; one foot high.

Heliotrope. Choice mixed, per oz., \$1.00..... .10

HUMULUS—*Japanese Hop.***Humulus, Variegated Leaved.**

Humulus Japonicus. A very ornamental and fast-growing climbing plant. Perfectly hardy and seeds itself after the first year. The foliage resembles that of the common hop, is very dense, and in color a lively green. One of the best plants for covering unsightly objects, verandas, trellises, etc. Per oz., 25c..... .05

Japonicus Variegatus. A variegated variety of the Japanese Hop. The leaves are beautifully and distinctly marked with silvery-white, yellowish-white and light and dark green. As with the green-leaved variety, it is never injured by insects nor affected by the heat, but retains its fresh and bright variegated foliage until late in autumn. oz., 40c... .10

Give the boys and girls a chance to make a flower or vegetable garden. A garden spot in the corner of the lot will bring them a little "revenue" and a great deal of pleasure.

HOLLYHOCK.

The Hollyhock, in its present state of perfection, is very unlike its parent of olden times. It now ranks with the Dahlia, Aster, Camellia, etc. For a background to a flower garden, perhaps no plant is so useful. The flowers are as double as a rose, of many shades of color, from deep yellow, red, purple, to pure white. Hardy perennial; five feet high.

**Double Hollyhock.**

Hollyhock, Superb Double. A prize strain; unsurpassed. Pure White, per oz., \$2.50; Rose, per oz., \$2.50; Golden Yellow, per oz., \$2.50; Crimson, per oz., \$2.50. Mixture of 15 prize varieties, per oz., \$2.00..... .10

German Double. Mixed, per oz., 80c..... .05

Mammoth Allegheny. A new type of Hollyhock; a decided improvement in many ways over the old-fashioned variety. A perpetual bloomer, with beautiful transparent fringed flowers in delicate shades of color, and having the appearance of crushed silk. Finest mixture of all colors. Per oz., \$1.00..... .10

HUNNEMANNIA FUMARIEFOLIA.

Giant Yellow Tulip Poppy. By far the best of the Poppy family for cutting, remaining in good condition several days. Grows about 2 feet high, bushy. Blooms from July to frost if sown in May. Per oz., 40c..... .10

HYACINTH BEAN.*Dolichos Lablab.*

A rapid growing annual climber, flowering freely in clusters, followed by ornamental seed pods. For covering arbors, trellises, etc. Sow the seed in the garden in April or May, where they are to remain.

Purple and White, mixed. Per oz., 10c..... .05

HYACINTHUS CANDICANS.

A giant summer-flowering Hyacinth of robust growth, producing a flower stem three to four feet high, covered with 20 to 30 pure white bell-shaped flowers. Bulbs keep dry over winter, like a gladiolus. Oz., 50c..... .05

IBERIS—*See Candytuft.***ICE PLANT—*Mesembryanthemum.***

Handsome and curious plant for hanging baskets, rock work, vases and edgings. The leaves and stems are succulent and fleshy and look like rock candy. The whole plant is peculiarly brilliant in the sunshine. The flower is white and not conspicuous. Can be grown in pots or open border, the former having preference. Tender annual trailer; six inches high.

Ice Plant. (*Mesembryanthemum, Crystallinum*), oz., 20c..... .05

JOB'S TEARS—*Coix Lacryma.*

Curious ornamental grass with broad corn-like leaves. Valuable for the formation of winter bouquets, in connection with everlasting flowers. The seeds are of a light slate color; strings of handsome beads may be made from them. Hardy annuals; three feet high.

Per oz., 10c..... .05

JOSEPH'S COAT.

See Amaranthus Tricolor.

LARKSPUR—*Delphinium*.

The Larkspur is one of the handsomest and most useful of plants, and for large gardens it is invaluable. The leaves are much divided; flowers in terminal spikes. The brilliancy of some of the colors is unsurpassed. Hardy annuals.

Larkspur, Double Dwarf German Rocket.

Very free flowering species. Flowers in spikes.

One foot high. Mixed, per oz., 15c..... .05

Tall German Rocket. Two feet high. Finest

mixed, per oz., 15c..... .05

Stock Flowered, Tall Branching. A tall

branching variety with beautiful long spikes of

flowers, two feet high. Mixed, per oz., 15c..... .05

For perennial varieties see *Delphinium*.

LATHYRUS.

Everlasting or Hardy Sweet Pea.

Showy, free-flowering hardy perennial climbers, for covering old stumps, fences, etc. Continually in bloom; fine for cutting.

Lathyrus, Latifolius. Flowers white, red and rose. Mixed, per oz., 15c..... .05

LAVENDER—*Lavendula Spica*.

A well-known sweet-scented hardy perennial, bearing long spikes of fragrant blue flowers; one to two feet high. Should be extensively grown in the mixed border.

Per oz., 15c..... .05

LOBELIA.



Lobelia, Crystal Palace Compacta.

One of the most elegant and useful plants, of easy culture, and well adapted for bedding, edging, pots or rockeries. Half-hardy annuals.

TRAILING LOBELIAS.

Lobelia, Erinus Gracilis. Light blue. Fine for baskets, vases, etc., training gracefully and blooming profusely. Six inches high, per ¼ oz., 15c..... .05

Speciosa. Dark blue flowers; for hanging baskets. Per ¼ oz., 20c..... .05

COMPACT OR BEDDING LOBELIAS.

Barnard's Perpetual. Deep blue flowers with white eye. Without doubt one of the finest Lobelias ever introduced. Per ¼ oz., 30c..... .05

Crystal Palace Compacta. Deep rich blue. Splendid for edging and carpet bedding. Four to six inches high. ¼ oz., 50c..... .05

LOPHOSPERMUM.

Highly ornamental annual climber, with showy fox-glove-like flowers. Ten feet.

Lophospermum Scandens. Rosy purple, oz., \$1.25 .10

LOVE-LIES-BLEEDING.

See Amaranthus Caudatus.

MARIGOLD—*Tagetes*.

The Marigold has been an inhabitant of the flower garden from time immemorial, and where a rich display of bloom is desired, is almost indispensable. The African varieties are tall, growing usually two feet or more, while the French are more dwarf, of more perfect form and gorgeous beauty; all are desirable. Half-hardy annuals, in bloom till frost comes.



Marigold, El Dorado.

Marigold, Tall African Orange. (*Tagetes erecta fl. pl. aurea*), bright orange yellow, oz., 25c.. .05

Tall African Lemon. (*Tagetes erecta fl. pl. sulphurea*), lemon yellow, oz., 25c..... .05

Tall African. (*Tagetes Erecta.*) Mixed sorts, per oz., 20c..... .05

Tall African, El Dorado. (*Tagetes Erecta, fl. pl. fistulosa.*) Flowers very large, quilled and extremely double. Colors in all shades of yellow, oz., 25c.. .10

Dwarf Double French. (*Tagetes Patula Nana.*) Bright attractive colors. Mixed, per oz., 15c..... .05

MARVEL OF PERU.

Mirabilis Jalapa—See Four O'Clock.

MATRICARIA.

Matricaria Capensis, fl. pl. (Feverfew.) Bushy annual garden plant, useful for bedding. Flowers much used for cutting. Double white, fine..... .05

MIGNONETTE.



Mignonette, Machel.

A well-known hardy annual, producing dense semi-globular heads of exceedingly fragrant flowers, borne on spikes from three to six inches long. Is in bloom nearly the whole season, and is so fragrant that the whole atmosphere around is perfumed. If sown at intervals during the spring and early summer, it will be in bloom till killed by the frost. Seeds sown in autumn will bloom early in spring. Hardy annual; perennial if protected; one foot high.

Mignonette, Sweet Large Flowered. (*Reseda Odorata Grandiflora.*) Per oz., 10c..... .05

Machel. (*Reseda Grandiflora.*) An entirely new and distinct sort of great merit. It is of dwarf and vigorous growth, and throws up numerous stout flower stalks, terminated by massive spikes of deliciously scented red flowers. One of the very best sorts for pot culture. Per oz., 50c..... .05

Some folks pay dear for their experience in buying seeds. It is not always good economy to buy seeds from the house that sells the cheapest. Our seeds are RIGHT; the quality is RIGHT and prices are RIGHT.

- Golden Machet.** A new and distinct variety, possessing all the excellencies peculiar to the popular Machet Mignonne, which sort is recognized by every grower as the best for forcing and pot culture. The plants are of strong, compact habit, with large crinkled leaves, and bear massive spikes of golden yellow blossoms. Per oz., 75c. .10
- Defiance.** Magnificent, even in the open ground. When grown under favorable conditions and with proper care in the greenhouse, its full round spikes will be of gigantic size, measuring from 12 to 15 inches long, and of an intensely rich perfume. Its great strength is accompanied by extraordinary keeping qualities; the graceful spikes retain their beauty and fragrance in water for two weeks after cutting. Per oz., 50c. .10
- Miles Hybrid Spiral.** (*Reseda Grandiflora Spiralis*.) A vigorous grower; spikes of pink flowers 8 to 12 inches long. Very fragrant; plant dwarf and branching. Per oz., 20c. .05

MIMOSA—See *Sensitive Plant*.

MIMULUS.



Mimulus, Tigrinus.

Handsome flowers of easy cultivation. Perennial in the greenhouse, annual in the open air.

Mimulus Moschatus. (Musk Plant.) Cultivated on account of the musky odor of the leaves. $\frac{1}{8}$ oz., 20c. .10

Mimulus, Tigrinus Grandiflora. (Monkey Flower.) Beautiful, large, tigered and spotted flowers; blooms the first year. $\frac{1}{8}$ oz., 40c. .10

MIRABILIS JALAPA—*Marvel of Peru*.

See *Four O' Clock*.

MONKEY FLOWER.

See *Mimulus Tigrinus*.

MOURNING BRIDE—*Ree Scabiosa*.

MUSK—See *Mimulus Moschatus*.

MYOSOTIS—*Forget-me-not*.



Myosotis.

An old favorite plant, bearing clusters of star-shaped, delicate blue flowers, with white and yellow eyes. It flourishes best in a moist, shady situation, and it is in constant bloom nearly the whole season. If the seed be sown in autumn, it will succeed best and flower early in spring. Hardy perennial; six inches high.

Myosotis, Alpestris. Blue, per oz., 40c. .05

Victoria. The flowers are large, bright azure blue with yellow centers. The plants are of dwarf bushy habit. A valuable variety for cut flowers, oz., \$1.00. .10

Palustris. The true Forget-Me-Not; beautiful blue flowers, 6 inches high. $\frac{1}{8}$ oz., 20c. .10

If there's anything in the world that will discourage a person who uses seeds, plants or bulbs, it's to plant out a crop and meet with flat failure.

We like to see our customers have good success and realize a profit on any investment they make with us, and we spend no little amount of effort to meet that end.

MORNING GLORY.

One of the most free flowering and rapid growing plants in cultivation. It is so hardy as to grow and thrive in almost any soil or situation.

Morning Glory, Imperial Japanese. A magnificent new class, with gigantic flowers measuring four to six inches across and of an endless variety of colors, running through all shades of blue and of red from palest pink to the darkest shades of red and purple; some are streaked, mottled, striped, marbled and bordered in wonderful profusion. Of the easiest culture and very rapid growth; grows in any common garden soil, attaining a height of 80 feet during the summer. Very attractive even before flowering, on account of the varied forms and markings of the foliage, some of the leaves being a dark green while others are golden and many of them marbled, margined and streaked with silvery white, green and gray.

Best Single Varieties in fine mixture, per oz., 15c. .10

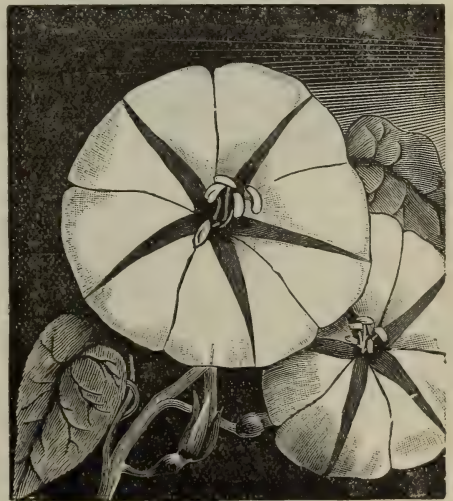
Single Fringed Varieties in fine mixture, per oz., 20c. .10



Morning Glory.

Morning Glory. (*Convolvulus Major*.) Handsome, showy climber of easy culture, and suitable for covering arbors, windows, trellises, old stumps, etc. Ten feet high, per oz., 10c. .05

MOON FLOWER.



Moon Flower.

Moon Flower, New Hybrid. It makes an immense growth of vine and deep foliage, and is of great value in the north, as it is in full bloom fully one month before the old varieties. The large flowers are four to six inches in diameter and very numerous, completely covering the foliage at places. They vary in form on different plants, some being scalloped, others perfectly round, others star-shaped; the foliage also varies from the original shape, to oak-leaved and heart-shaped forms. Per oz., 60c. .10

NASTURTIIUM—*Tropaeolum*.**DWARF, TOM THUMB, OR BEDDING SORTS.**

A bed of Dwarf Nasturtiums in the yard is very brilliant and attractive, and blooms all the season. The flowers are more brilliant if the soil be not over rich. Give each plant a foot of room. Hardy annual; one foot high.

Nasturtium "Lilliput." (*Tropaeolum Lobbianum Compactum*.) An entirely new class of Dwarf Nasturtium; the plant is in every respect smaller than Tom Thumb. The dainty little flowers are produced in the greatest profusion and appear in various and showy colors. Highly effective for groups and borders. Per oz., 15c; $\frac{1}{4}$ lb., 35c..... .10

Dwarf. Mixture of many fine sorts. Per oz., 10c; per $\frac{1}{4}$ lb., 25c..... .05

NASTURTIIUM.**TALL OR CLIMBING SORTS.**

The Tall Nasturtium is a very rapid grower, and strikes freely from cuttings, but seeds sparingly. The colors are very brilliant and of many shades, from scarlet to black. Fine for covering arbors, trellises and rustic work. Hardy annual; 10 to 20 feet high.

**Nasturtium, Madam Gunter's Hybrids.**

Madam Gunter's Hybrids. A new race in which the petals are much broader than the old sorts, and the colors are more varied and brilliant, embracing rose, pink, salmon, purple velvety dark maroon, light yellow and deep orange in self colors, as well as striped and blotched shades. The plants are exceedingly vigorous, and wonderfully profuse bloomers, growing from five to six feet high. A decided advance over the old types. Per oz., 10c; $\frac{1}{4}$ lb., 25c..... .05

Nasturtium, Lobb's Climbing Varieties. (*Tropaeolum Lobbianum*.) The leaves and flowers are somewhat smaller than the ordinary tall Nasturtium, but the varieties are more profuse flowering and have brighter foliage. Mixture of splendid sorts, per oz., 10c; per $\frac{1}{4}$ lb., 20c..... .05

Tall. (*Tropaeolum Majus*.) Mixture of choice varieties. Per oz., 10c; $\frac{1}{4}$ lb., 20c..... .05

NICOTIANA.

Nicotiana, Affinis. A genus of garden plants of the tobacco family, which are noted for the freedom and fragrance of their bloom. Plants attain a height of two feet and produce an abundance of large, pure white, star-shaped flowers of delicious fragrance. If the plants are taken up in the fall, cut back and potted, they will bloom nicely in the house during the winter. Per oz., 20c..... .05

Place your orders with the concern that has your interests in view as well as its own. Our business methods are clean and honest. If you have never dealt with us, send us an order, no matter how small, and it will give us an opportunity to show you that we are earnest in our efforts to serve you as we do thousands of others, on a fair and square basis.

NIEREMBERGIA.

A half-hardy perennial, slender growing plant; perpetually in bloom, flowering the first year if sown early; desirable for the greenhouse, baskets, vases or bedding out; one foot high.

Nierembergia Frutescens. Lilac, per oz., 50c... .05

**Oxalis.****OXALIS.**

Very pretty herbaceous plant with rich rose colored blossoms. They thrive well in a mixture of loam and sand; they should not be watered after they have done flowering until they begin to grow afresh. Are very desirable for greenhouse decoration, rock work or baskets out of doors. The plants can be wintered successfully in cold frames if they are kept dry and the frost is excluded. Half-hardy perennials.

Oxalis. Choice mixed.... .05

PANSY—*Viola, Tricolor Maxima*.

These lovely flowers are favorites with all, not only for the brilliancy and variety of their color, but for the durability of their bloom. Seed may be sown in open ground in spring or summer, or in hot-beds early in spring. Young plants produce the largest and best flowers. The plants should always occupy a cool, partially shaded situation, and the ground cannot be too rich; coolness and moisture are necessary. Transplant when an inch high. Seed sown in July will blossom late in autumn; if sown in October will bloom the following spring. Hardy biennial, four inches high.

SEPARATE SORTS.

Emperor Frederick. Dark royal purple with red and yellow edge marked with gold bronze face..... .05

Freya. Dark maroon with broad white edge..... .05

Empress Augusta Victoria. A charming new sort. Color porcelain white with a soft blush cast, marked with a large purple blotch..... .10

Coquette de Poissy. An entirely new color in Pansies, unlike anything before known, being a distinct mauve color; of good size, regular compact growth..... .10

Peacock. A beautiful large flowered Pansy of English origin. The upper petals are rich ultramarine blue, the lower petals a deep claret, blotched with deep blue shading to black, the whole flower edged with white..... .10

President Carnot. A valuable new French Pansy; the flowers are large and of elegant shape. Each of the five petals is margined with clear white, while the greater surface of each is covered with a deep rich violet blotch, the two colors forming a very handsome combination..... .10

Silver-Edged. Dark purple with white edge..... .05

VERY LARGE FLOWERING VARIETIES.

Giant Black Blue..... .10

Giant Emperor William..... .10

Giant Golden Queen..... .10

Giant King of the Blacks..... .10

Giant Light Blue..... .10

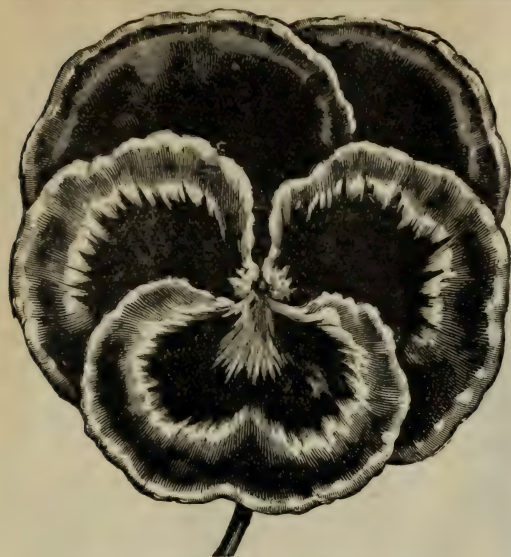
Giant Lord Beaconsfield..... .10

Giant Snowflake..... .10

Giant Yellow..... .10

MIXTURES.

Giant Trimardeau. An entirely distinct and beautiful race, with flowers of the richest and most varied shades of color. The plants are of vigorous and compact growth and the flowers are each marked with three large blotches or spots. Per $\frac{1}{4}$ oz., 40c; oz., \$2.50..... .10



Type of "Greater Cleveland" Pansies.

"Greater Cleveland" Mixture. The finest mixture ever offered. Contains over 65 different colors, shades and markings; beautiful, rare varieties, and new shades that can only be had in this mixture, besides the large stained and blotched sorts, and strains of the leading kinds of commerce, which by careful culture from season to season have been brought to a high degree of perfection. The flowers are of perfect form, enormous size, measuring from two and one-half to four inches in diameter; they will please everyone. In "Greater Cleveland" Mixture we have the cream of varieties, secured regardless of cost from Pansy specialists of our own country and Europe. Oz., \$10.00; ½ oz., \$1.50..... .25

Odier or Blotched. A superb strain of three and five blotched show pansies, unsurpassed for shape, markings and richness of color of the flowers as well as for habit of growth. Per ½ oz., \$1.00..... .15

Cassier's Very Large Flowered Blotched. An especially recommendable strain of largest flowered class of blotched Pansies. Per ½ oz., \$1.25..... .15

Bugnot's Superb Blotched. A very beautiful class; extra large flowers with broad blotches and delicate markings; yields a great diversity of the handsomest and rarest colors. Per ½ oz., \$1.50..... .20

Tilton's Giant Pansy Mixture. A splendid mixture of the finest Giant flowering varieties; embraces the Odier, Cassier and Bugnot strains, the distinct colors of Trimardeau and many other shades and colors that are not found in other mixtures. Per ½ oz., \$1.00; oz., \$5.00..... .15

Very Fine Mixture. Composed of over 30 separate varieties, remarkably showy and rich in color. Per oz., \$1.00..... .05

PARIS DAISY—See *Chrysanthemum Frutescens*.

PETUNIA.

Well known very ornamental plants producing fragrant and beautiful flowers; they are unsurpassed for massing in beds, and for greenhouse or window culture are valuable. The richness of color, duration of bloom and easy culture will always render them popular. Tender perennials, but will bloom the first season. One and one-half feet high.

Fringed Ruffled Giants. Single large flowered fringed. A prize strain of finely fringed flowers measuring over four inches in diameter; remarkable for their brilliancy and variety of color. The seed is saved from finest specimens. Mixed varieties. 1-32 oz., \$2.00..... .50



Petunia, Single Large Flowered Fringed.

STAR PHLOX.

A splendid class for bouquets. Flowers are of a regular star-like form, very novel and beautiful.

Phlox Drummondii Cuspidata. Finest mixed, per oz., 60c..... .10

California Giants. Large flowers in great variety of colors and markings. Will give great satisfaction. 1-32 oz. \$1; per pkt..... .25

Grandiflora Fimbriata, fl. pl. Double large flowered fringed, 1,000 seeds, \$1.75; 500 seeds, \$1.00; 100 seeds..... .25

Hybrida. Flowers large and in a great variety of colors. Very rich mixture, per oz., 60c..... .05

PHLOX.

Among the most esteemed favorites in the list of flowers. Remarkable for the brilliance and abundance of their large terminal flowers, completely hiding the foliage. The blossoms are of many colors, from pure white to deepest purple, eyed and striped. For masses and separate colors and for cutting for bouquets, they are unsurpassed. Hardy annual, one foot high.

Phlox Drummondii. Mixed, a great variety of colors. Per oz., 40c..... .05

LARGE FLOWERING PHLOX.

A magnificent class producing flowers nearly twice as large as the ordinary Phlox and of the most brilliant colors imaginable.

Phlox Drummondii Grandiflora Alba. Pure white, beautiful. Per oz., 75c..... .10

Grandiflora "Brilliant." Brilliant rose with dark red center; very effective. Per oz., 75c..... .10

Grandiflora Carminea Alba Oculata. Rich carmine, white eye. Per oz., 75c..... .10

Grandiflora Chamois Rose. Beautiful shade of rose. Per oz., 75c..... .10

Grandiflora Coccinea. Deep scarlet, very brilliant. Per oz., 75c..... .10

Grandiflora Kermesina Splendens. Vivid crimson; very bright and effective; one of the best for masses. Per oz., 75c..... .10

Grandiflora, Splendid Mixed. Richest variety of color. Per oz., 60c..... .10

PERENNIAL PHLOX.

Magnificent hardy flowering plants, growing into strong bushes two to three feet high, bearing immense heads of large waxy flowers. Will flourish in any soil, and require no protection.

Phlox Decussata. Mixed; a great variety of colors, oz., \$1.00..... .10

SEED BUYERS who buy from us once, buy from us always. **WE WANT YOUR SEED ORDER** this year, and if we have it, we believe you will have no occasion to send your orders elsewhere in future seasons.



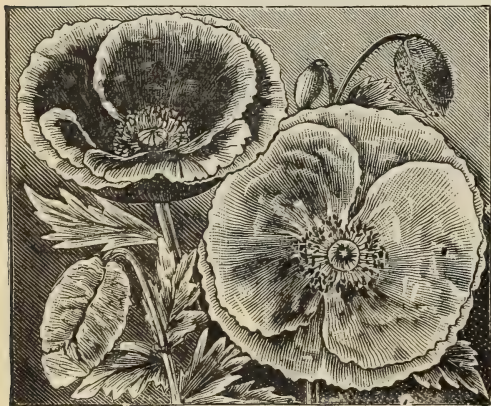
Phlox Drummondii Grandiflora.

PINK—See *Dianthus*.

POPPY—*Papaver*.

Old fashioned flowers but very popular; there are a few species of great beauty, which are an ornament to any garden.

Poppy, Tulip. (*Papaver Glaucum*.) Flowers vivid scarlet with black spot at base of each petal; of tulip shape, the two other petals forming a distinct tulip cup. Plants grow about one foot high and produce from fifty to sixty brilliant flowers well above the foliage, resembling scarlet tulip. Hardy annual. Per oz., 50c..... .05



Poppy, The Shirley.

The Shirley. (*Papaver Rhoeas*.) A magnificent Poppy with a rich tissue paper like ap-

pearance, the colors ranging from purest white to all shades of pink, rose, carmine and richest crimson, with an entire absence of black. Flowers are single and semi-double. Hardy annual; very rich and effective mixture. Oz., 25c..... .05

Double Carnation-Flowered. (*Papaver Somniferum*, fl. pl.) Large globular flowers finely slashed and fringed. Plants from two to two and one-half feet high. A great variety of colors. Mixed, per oz., 10c..... .05

Double Paeony-Flowered. (*Papaver Paeoniflorum*, fl. pl.) A splendid class with large double flowers, greatly resembling Paeonies. Mixed, per oz., 10c..... .05

Ice-land. (*Papaver Nudicaule*.) Hardy perennials, but will produce flowers the first season from spring-sown seed. The flowers are white, yellow and orange scarlet; are very useful for cutting and are produced in great profusion. The plants are very graceful, about 12 inches in height. Single finest mixed, oz., 40c..... .05

PORTULACA—*Rose Moss*.

There are scarcely any flowers in cultivation that make such a dazzling display of beauty as a bed of many-hued brilliant-colored Portulacas. Whether used in baskets, beds or edgings, their splendid flowers are produced in great profusion and are very effective. They are in bloom from the first of July till killed by frost in autumn; tender annual, nine inches high.

Portulaca, Grandiflora. Single, mixed, many colors. Per oz., 25c..... .05

Grandiflora, fl. pl. Double, mixed, finest quality. Per oz., \$2.00..... .10

PRIMULA.

Primula Auricula. An old and well-known favorite. Clusters of fragrant flowers of many colors. Tender perennials, six inches high. Finest quality, mixed, 1/8 oz., 50c..... .10



Primula Chinensis Fimbriata.

PRIMULA CHINENSIS.

Chinese Primrose.

One of the most desirable plants for the house or conservatory; about eight inches high, with pretty and attractive foliage and flowers one and one-half to two inches in diameter, borne in clusters of 25 to 30. They are fine for winter and spring blooming and if transferred to the border will bloom all summer. Perennial, but new plants flower more freely and seed should be sown every year. One of the best pot plants.

Anything we offer is worth buying; we have thousands of customers who have been dealing with us for years, who will tell you so.

FIMBRIATA.

Alba. Pure white. Pkt. of 200 seeds.....	.35
Alba Magnifica. Pure white with yellow eye. Pkt. of 200 seeds.....	.50
Coccinea. Bright red. Pkt. of 200 seeds.....	.50
Kermesina Splendens. Crimson. Pkt. of 200 seeds.....	.50
Rubra. Deep red. Pkt. of 200 seeds.....	.35
Striata. Striped. Pkt. of 200 seeds.....	.35
Finest Mixed. Pkt. of 200 seeds.....	.25
..... Pkt. of 425 seeds.....	.50
Filicifolia. Fern leaved, finest mixed. Pkt. of 200 seeds.....	.50
Primula Forbesi, or "Baby Primrose." Blooms very freely three months after sowing the seed. Flowers are rosy lilac and profuse. 1-32 oz., \$1.00.....	.25
Primula Obconica Grandiflora. A profuse blooming Primrose, bearing on long stems, heads bearing from 10 to 15 flowers. It thrives in a cool house, and will grow in favor with those desiring plants that will grow easily. Flowers are pure white, shading occasionally to lilac, and have the true Primrose fragrance. 1-16 oz., 60c.....	.10

PYRETHRUM.

Pyrethrum Parthenifolium Aureum. (Golden Feather.) Beautiful gold-leaved bedding plant; used largely for carpet bedding, edging, etc. Per oz., 35c.....	.05
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RICINUS—See Castor Oil Plant.

SALVIA—Flowering Sage.

A favorite greenhouse and bedding plant, bearing long spikes of flowers in great profusion from July till frost; half-hardy perennials, blooming the first year from seed.	
Salvia Splendens. (Scarlet Sage.) Beautiful bright scarlet. ¼ oz., 35c; oz., \$1.25.....	.05
Salvia, "Bonfire." (Clara Bedman.) This is one of the finest Salvias ever introduced. It differs from all others, growing in a compact bush about two feet high by two feet in diameter. Its erect spikes of brilliant scarlet flowers stand clear above the dark green foliage and completely covers the plant. It attracts immediate attention in the gar- den, and is one of the most effective and gorgeous plants in cultivation. ¼ oz., 60c; oz., \$2.25.....	.10
Salvia Patens. Handsome foliage and erect strong stems, bearing heads of broad tubular lipped flow- ers of a rich bright blue color. 100 seeds 30c.....	.10

SALPIGLOSSIS.

Very showy bedding or border plants, with rich col-
ored, erect funnel-shaped flowers. The colors are beauti-
fully marbled and penciled, purple, scarlet, crimson, yel-
low, buff, blue and almost black. Bloom from August to
October. Half-hardy annual; one and one-half to two feet
high.

Salpiglossis, Grandiflora. Large, flowering, fin- est mixed. Per oz., 50c.....	.05
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SANVITALIA.

Sanvitalia Procumbens, fl. pl. Very pret- ty dwarf trailing plants, excellent for rock work, borders or edging of beds. It is so completely cov- ered with flowers as to nearly hide the foliage. Double flowers of a brilliant golden yellow, re- sembling a miniature double zinnia. Hardy an- nual; six inches high. Per oz., 35c.....	.05
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SCABIOSA—Mourning Bride.

Handsome flowers of exceeding sweetness, in hemi-
spherical heads on long stems. Very useful for bouquets, as
their long stems work easily, and their striking colors, as
well as fragrance, are desirable. Hardy annual, one to
two feet high.

Scabiosa, Candidissima, fl. pl. (Snowball.) Large flowering double, pure white. Very fine. Oz., 20c.....	.05
Large Flowering Double. Finest mixed. Per oz., 20c.....	.05
Double Dwarf. All colors. Per oz., 20c.....	.05

SENSITIVE PLANT—Mimosa Pudica.

A very curious plant, with elegant foliage and globular
heads of pink flowers; well known for the extreme irrita-
bility of its leaves and foot stalks which close and droop
at the slightest touch, or in cloudy, damp weather, and
during the night. Tender annual; one and one-half feet
high.

Sensitive Plant. Per oz., 25c.....	.05
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SMILAX—*Myrsiphyllum Asparagoides*.

No climbing plant in cultivation surpasses this for
the graceful beauty of its foliage. In cut flowers and for
wreaths, etc., it is indispensable to florists. Its hardy tex-
ture enables it to keep several days after being cut, with-
out wilting; nothing is finer for clothing statues, vases,
etc. The seed germinates very slowly, sometimes requiring
three or four weeks. Tender perennial climber; ten feet
high.

Smilax. Per oz., 30c.....	.10
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SNAPDRAGON—See *Antirrhinum*.

STOCK.

The stock is one of the most popular
plants either for bedding or for pot cul-
ture. It has for many years been a gen-
eral favorite, but in late years the Ger-
mans have grown them in such perfection
that they are considered almost indis-
pensable where a fine display is wanted.
A large proportion of the double flowers
are produced from seed. Hardy annual;
one foot high.



Stock.

Snowflake. The earliest and best for forcing. Large, double, snow- white flowers. Dwarf, per 1-16 oz., \$1.00.....	.10
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White Perpetual, or Cut and Come Again. ½ oz., 40c.....	.10
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Large Flowering Dwarf, Ten Weeks.

Brilliant Rose } White } Crimson } Blood Red ... } Yellow } Light Blue ... } Purple }	Per ½ oz., 40c; oz., \$2.25.....	.10
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Mixed, a very rich mixture. ½ oz., 40c; oz., \$2.00..	.10
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Dwarf, German, Ten Weeks. Fine mixed. Per oz., 75c.....	.05
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SUNFLOWER—*Helianthus*.

Adapted by its stately growth for a background to a
lawn or screen to hide unsightly places. It is also raised
as an absorbent of miasma in damp or ill drained situations,
thus preventing fevers. The flowers are really quite attrac-
tive. Hardy annual; five feet high.

Globe-Flowered Double. (<i>Helianthus Globosus</i> <i>Fistulosus, fl. pl.</i>) Enormous flowers of bright yel- low color; five to six feet high. Per oz., 10c.....	.05
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Dwarf Double. (<i>Helianthus Nanus, fl. pl.</i>) Golden yellow, two and one-half to three feet high; true. Per oz., 15c.....	.05
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Cucumerifolius. (Miniature Sunflower.) Single small-flowered dwarf; rich yellow; an abundant bloomer. Per oz., 15c.....	.05
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Cucumerifolius "Stella." (Improved Miniature Sunflower.) The flowers of this new variety are larger and better formed than those of the above variety; two and one-half to three inches across, of pure golden yellow with black discs. The plants are well branched and bushy and attain a height of three to four feet. Per oz., 25c.....	.05
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Sunflower, Double.

Sunflower, Double. (<i>Helianthus Californicus, fl.</i> <i>pl.</i>) Large double orange; per oz., 10c.....	.05
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Large Russian. A very tall growing single vari- ety, often 15 to 20 feet high; the stalks are some- times used for fuel. Per oz., 5c.....	.05
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We seldom receive complaint about our goods failing to give satisfaction. There's cer-
tainly something to that—a fact that alone is significant of quality.

SWEET PEAS

Lathyrus Odoratus.

Few flowers are more deservedly popular than these showy, free flowering climbers. The purity and brilliancy of their coloring and their peculiar and graceful form make them universal favorites. They are unsurpassed for hedges and for cutting.

Culture. Sweet Peas should be sown in drills as early as possible in the spring, in rich friable soil. Prepare the bed by thoroughly working in a large quantity of well rotted manure. Make a trench six inches deep. In this sow the seed and cover two inches deep; as soon as the plant begins to show through, fill in the trench. This will secure a deep planting without the bad effect of deep covering of the seed at first, and so enable the plant to bloom continually through the heat of the summer. As fast as the flowers come into bloom or fade, they should be cut off, for if the pods are allowed to form the plants will stop blooming.

Our stocks are from the Mammoth Sweet Pea Fields of California; carefully rogued; grown by the best growers who know the true varieties. They will be found true to name.



Sweet Pea, Extra Early Blanche Ferry.

Our Select List of Sweet Peas.

Includes the Best, in both new and old varieties.

All varieties are 5c per packet; 10c per oz.; 15c per ¼ lb.; 40c per lb.

America. Cardinal stripe on white ground

Aurora. Flaked orange salmon on white ground.

Black Knight. Deep maroon, free flowering.

Blanche Burpee. Pure white; of exquisite form and immense size. Very free flowering.

Blanche Ferry. Pink and white.

Blanche Ferry, Extra Early. Color same as Blanche Ferry; ten days earlier, of dwarfer habit; profuse flowering.

Countess of Radnor. Delicate lavender.

Earliest of All. Color same as Extra Early Blanche Ferry. 8 to 10 days earlier.

Emily Henderson. Beautiful pure white.

Firefly. Intense glowing crimson scarlet.

Golden Gleam. Deep primrose yellow; the best yellow.

Katherine Tracy. Solid brilliant pink, the finest pink in existence.

Lottie Eckford. White, edged lilac; beautiful.

Mars. Intense crimson scarlet. Eckford's novelty, 1897.

Navy Blue. Deep violet blue; the best blue yet introduced.

New Countess. Pure pale lavender.

Othello. A beautiful dark chocolate red.

Sadie Burpee. (White Seeded.) Large pearly white; long stems.

Sadie Burpee. (Black Seeded.) White.

Salopian. Deep crimson, suffused with orange scarlet.

Stanley. Rich, dark maroon; handsome.

SWEET PEAS IN MIXTURE.

Golden Gate Mixture. Containing forty of the finest Eckford and other new and choice large flowering varieties; (our own mixture) will be sure to please. Oz., 10c; ¼ lb., 20c; lb., 60c.

Eckford's New Mixed. A mixture of Eckford's choicest varieties. Will astonish and delight everyone. Oz., 10c; ¼ lb., 15c; lb., 40c.

Choice Mixed. Many choice colors; will make a beautiful display. Oz., 5c; ¼ lb., 10c; lb., 30c.

SWEET SULTAN—See *Centaurea*.

SWEET WILLIAM.

Dianthus Barbatus.



Sweet William.

A bed of the finer varieties sports into an endless variety of colors, and presents a beautiful sight. For display in the garden, the Sweet William is unsurpassed. The seed can be planted very early in the spring in open ground and will blossom the following autumn; or it can be sown in August and it will make fine blooming plants for spring. The plants will bloom several years, but young plants will bloom better, and seed should be sown every year. Hardy perennial; one and a half feet high.

Sweet William, Double. (*Dianthus Barbatus*, fl. pl.) Fine mixed, per oz., 40c..... .05

Sweet William, Single. Mixed, per oz., 15c..... .05

We endeavor to avoid unpleasant disputes over any transaction, by making it so satisfactory to the customer that there's no room for argument.

TROPAEOLUM MINOR.*See Dwarf Nasturtium.***TROPAEOLUM—Lobbianum and Majus.** *See Tall Nasturtium.***THUNBERGIA.**

Thunbergia Alata. Beautiful rapid growing annual climbers, splendid for trailing over trellises, fences, etc.; very pretty flowers in buff, orange, white, etc.; mixed colors. Per oz., 40c..... .05

VERBENA.

No plant is more generally cultivated, or more eagerly sought after than the Verbena, and no plant excels it for masses in beds on the lawn. In the varieties may be found every color except yellow. They flower perfectly well from seed sown in the spring. If sown in open ground in May they will bloom in August, but if started in the house, in pots, in winter, they will be in bloom sooner. Half-hardy perennial trailer; one foot high.

**Verbena.**

Verbena Hybrida, Mammoth. Has flowers nearly twice as large as the ordinary sorts, of very brilliant colors and large, distinct eyes. The plants are vigorous and very free flowering. Per oz., \$1.00.... .10

Hybrida, Fine Mixed. Seed saved from a beautiful collection. Per oz., 60c..... .05

Verbena, Citriodora. (Aloysia.) Lemon Verbena. A universal favorite. Lemon scented foliage. Oz., \$1.5010

VIOLET—Viola.**Violet.**

The Violet should not be wanting in any garden, on account of its fragrance and early appearance. A single flower will perfume a whole room. Succeeds best in a shady, sheltered place, and can be easily increased by dividing the roots. Double violets do not seed. Hardy perennials; six inches high. The seed germinates very slowly.

Violet, Single, Sweet-Scented. (Viola Odorata Semperflorens.) Flowers blue. Per oz., \$1.00..... .10

VINCA.

Ornamental free-blooming plants; flowering from seed the first season if sown early and continuing until frost. Glossy green leaves and handsome flowers. May be potted and kept in bloom through the winter. One and one-half to two feet high.

Vinca, Rosea. Rose, with crimson eye. Oz., 50c.. .10

Vinca, Rosea Alba. White, with rose center. Oz., 50c10

Vinca, Alba Pura. Pure white. Oz., 50c..... .10

Vinca, Fine Mixed Oz., 40c05

WALLFLOWER—Cheiranthus Cheiri.**Wall Flower, German Double.**

The large massive spikes of the Wall Flower are very conspicuous in beds and borders, and are very useful in making bouquets. They are deliciously fragrant and combine many shades and colors. Tender perennial; one and one-half feet high.

Wall Flower, Fine German Double. Mixed. ¼ oz., 60c10

Wall Flower, Single. Per oz., 20c..... .05

WILD CUCUMBER VINE.*See Echynocystis.***ZINNIA.**

No flowers are more easily grown from seed in the open ground, and few bloom so continuously through the summer and autumn as the Zinnia. They grow two feet high and bear flowers of immense size, perfectly double, and as perfect in form as Dahlias. Hardy annual.

Zinnia, Elegans, fl. pl. Tall double, mixed. Perfectly double flowers of grand form, large size and brilliant colors. Per oz., 20c..... .05

Mixed Flower Seed, Annuals, for open ground-sowing. Makes a grand display. Per oz., 10c..... .05

By becoming one of our customers you have the benefit of our experience in matters pertaining to seeds. We are always pleased to give advice or offer suggestions to anyone about anything connected with our line of business.

Bulbs for Summer and Autumn Blooming.

Postpaid at Prices Given Unless Otherwise Noted.

TUBEROUS ROOTED BEGONIAS.

Tuberous-Rooted Begonias are among the handsomest and most popular of our summer bulbs, both for planting in the open border for summer decoration, and for growing in pots for the greenhouse, conservatory or sitting room. Nothing can excel the brilliancy of their colors, the delicacy of their tints, the richness of their waxy flowers and their graceful appearance in beds or borders.

GIANT FLOWERING VARIETIES.

Single. White, Pink, Scarlet, Yellow, each, 10c; set of 4 colors, 30c; per dozen, 85c.

Single. Mixed, each, 8c; per dozen, 75c.

Double. Mixed, each, 15c; 3 for 40c; per dozen, \$1.50.

CANNAS.

Nothing is more effective for grouping on lawns or for large beds in parks than these ever-blooming Cannas. They commence flowering very soon after being planted out in the ground and continue until stopped by frost in the fall. Grown as pot plants they make beautiful, showy specimens for the porch during summer, and if taken into the conservatory or window garden before frost will continue to bloom all winter.

Our List of Cannas has this season been carefully revised; all inferior varieties have been discarded; the list of varieties offered below is a selection of sorts that have been thoroughly tested, and whether used singly or for massing are certain to give the greatest satisfaction.

Dormant roots can be supplied until May 1st. After which started plants of the standard varieties can be obtained at 10c each; \$1.00 per dozen.

Strong Dormant Roots, with 2 to 3 Eyes.

3 GRAND NEW SORTS.

Black Beauty. Remarkable for its massive foliage, which is so intense and rich as to outclass all others of the bronze leaved variety. Height 5 to 6 feet. Each 15c; dozen \$1.50.

David Harum. Bronze leaved and free flowering. Desirable for its foliage as well as its blooms, which are vermilion scarlet, dotted with crimson, 3 to 3½ feet. Each 15c; dozen \$1.50.

Martha Washington. Large brilliant flowers of bright rosy color; constant bloomer. Foliage deep green. Each 10c; dozen \$1.00.



ORCHID FLOWERED CANNAS.

Austria. A rank vigorous grower 4 to 6 feet in height; flowers pure canary yellow dotted with brown in the throat. 5c each; 50c per dozen.

Italia. A magnificent gilt-edged sort; remarkably free bloomer, about 5 feet high; flowers bright scarlet with broad orange yellow border. 5c each; 50c per dozen.

Burbank. A strong grower 5 to 6 feet high; the flowers are of gigantic size, rich canary yellow with a few carmine spots in the throat. 5c each; 50c per dozen.

Kate Gray. Flowers 6 to 8 inches in diameter. Color orange scarlet, splashed with yellow. Plant 6 to 7 feet high; foliage green. Each 15c; dozen \$1.50.

Pennsylvania. Intense vermilion scarlet with orange cast. Foliage green, 6 feet high. Each 15c; dozen \$1.50.

A COLLECTION OF 12 STANDARD VARIETIES.

Alphonse Bouvier. The finest tall crimson variety. Six to seven feet high.

Charles Henderson. A standard dwarf crimson, 3½ feet high.

Duke of Marlboro. The darkest flowered Canna—a rich velvety maroon. A handsome vigorous grower; fine metallic green foliage. Finely shaped flowers, in large well-balanced trusses. Three feet high.

Florence Vaughan. Rich golden yellow spotted with crimson; large flowers; 4 feet high.

L. E. Bally. Flowers very large, with broad, heavy petals; color light canary yellow, spotted with orange.

Madam Crozy. One of the best gilt-edged varieties ever introduced. 4 feet high.

President McKinley. Deep crimson. Three feet high.

Paul Marquant. Green foliage; large flowers of deep salmon color. 4 feet high.

Queen Charlotte. Bright orange scarlet deeply edged with bright canary yellow. 3½ feet high.

Shenandoah. Flowers deep rosy pink.

Souv. D'Antoine Crozy. Large scarlet crimson flowers, bordered with band of golden yellow. Four feet.

Robusta. One of the best foliage varieties; small flowers. Six feet high.

Any of the above varieties 5c ea., 50c doz.

Postage 10c per doz extra.

CALADIUM ESCULENTUM.

Elephant's Ears.



Caladium Esculentum.

A very effective plant and suitable for either a single plant on the lawn, masses in beds, or for margins of water; its very distinct apron-like leaves often attain the length of three feet by twenty inches wide. Bulbs can be stored in dry sand in winter and kept from year to year.

Small Bulbs, 1 to 1½ inches in diameter, 5c each, 50c per doz., postage 10c per doz. extra.

Third Size Bulbs, 1½ to 2 inches in diameter, 8c each, 75c per doz., postage 25c per doz. extra.

Second Size Bulbs, 2 to 3 inches in diameter, 10c each, \$1.00 per doz., postage 5c each extra.

First Size Bulbs, 3 to 4 inches in diameter, 15c each, \$1.50 per doz., postage 8c each extra.

Extra Large Bulbs, 4 to 5 inches in diameter, 25c each, \$2.50 per doz., postage 12c each extra.

Mammoth Bulbs, 5 to 6 inches in diameter, 40c each, three for \$1.00, postage 20c each extra.

GLADIOLUS.



Gladioli.

The gladiolus is the most beautiful of the Summer Bulbs, with tall spikes of flowers two feet or more in height, often several from the same bulb. The flowers are of almost every desirable color.

The culture is very simple; they thrive in almost any good soil, except a stiff clay, require full sunlight, and are only liable to injury from rank manure. Plant the bulbs six to nine inches apart; the large ones four inches and the small ones two inches deep. Make an early planting of the smallest bulbs first, as soon as the ground is sufficiently dry and warm, and continue to plant at intervals of two weeks during the spring and early summer. In this way a succession of bloom may be had from midsummer until frost. In autumn, before freezing, they should be dug and dried, the earth and old roots removed and then stored in a cool, dry place, secure from frost, until spring.

If wanted by mail, add 10c per dozen for postage.

NEW HYBRIDS.

The flowers of this remarkably beautiful class have a distinct shell-like form and the petals do not open or flare like those of the regular type. The colors and markings are also most distinct, being in bands, stripes and tigered spots in the inner portion.

Best mixed, containing every shade and color imaginable, 3 for 10c; 35c per dozen; \$2.50 per 100.

FINEST AMERICAN SEEDLINGS.

Splendid strain; scarcely two will be alike, and a hundred taken without selection will produce as many fine blooms as can be gathered promiscuously from as many named sorts. 2 for 5c; 25c per dozen; \$2.00 per 100.

EXTRA FINE MIXED.

Especially selected; embraces every shade of color, representing all types. 2 for 5c; 25c per dozen; \$2.00 per 100.

FINE MIXED.

This mixture is composed of a splendid assortment of the best varieties grown in a well balanced mixture. First size bulbs, 2 for 5c; 25c per dozen; \$1.25 per 100. Second size bulbs, 5 for 10c; 20c per dozen; \$1.00 per 100.

SEPARATE COLORS IN MIXTURE.

	Each.	Doz.	100
Scarlet and red mixed.....	3c	25c	\$1.75
White and light mixed—1st selection...	4c	40c	3.00
White and light mixed—2nd selection...	3c	35c	2.50
Yellow mixed	4c	45c	3.50
Pink mixed	4c	35c	2.00

DAHLIAS.



Dahlias.

The Dahlia has always been a favorite for autumn flowering. The flowers are so symmetrical and perfect, and the range of brilliant colors so beautiful and varied, that they will always be popular where display is wanted. The roots are tender and easily injured by frost. They should be set three feet apart, after all danger of frost is over, and during winter placed in a cool cellar and not allowed to freeze. The plants should be supported by tying to stakes.

Field-Grown Roots of Choicest Double Dahlias.

	Each.	Doz.
Red shades	10c	\$1.00
Pink shades	10c	1.00
Buff shades	10c	1.00
Yellow shades	10c	1.00
White shades	10c	1.00
Mixed shades	8c	.85

If wanted by mail add 25c per dozen for postage.

IRIS.

Iris Kaempferi (Japan Iris.)

The flowers of the Japan Iris are of immense size, from 6 to 8 inches in diameter, and of richest colors, ranging from white to purple, with delicate markings and veinings. Some of the flowers are of the most delicate and beautiful combination of colors imaginable. Once planted they will last a lifetime; perfectly hardy and flower in great profusion during June and July. A well-established plant gives a dozen or more flower stalks two or three feet high, each stalk producing two to four enormous blooms. The Iris thrives best in moist soil; supply plentifully with water while growing and flowering.

Choice mixed varieties 10c each; \$1.00 per dozen.

LILIES.

The Lily has been, with eminent propriety, styled the "Queen of Flowers," and truly no flower conveys so adequate an idea of queenly beauty, majestic grandeur and faultless purity as the Lily. Their culture is simple, and with a little care failure is impossible. The bulbs should be planted in spring, as soon as frost is out of the ground, until the first of May; the earlier the better. Select a well drained spot, dig the soil deep and make it fine, enriching it abundantly with very rotten cow manure and adding a liberal mixture of sand. Set the bulbs from three to five inches deep, according to size. During the winter it is advisable to cover the surface of the bed with a thin layer of manure, which will not only afford slight protection to the bulbs, but will materially enrich the soil. In spring the manure may be removed or dug in between the rows. Care should be taken that they have proper drainage, no water being allowed to stand around the roots. Once firmly established, they should not be disturbed oftener than once in five years.

It's our business to furnish a customer with whatever he may want in the line of goods we handle, and we do that wherever possible; and further, we do not hesitate to tell anything about the goods we sell. We want any customer—every customer—to become a regular customer, and to feel free to ask us anything he may want to know about any goods we offer.

Auratum. (Golden Banded Lily of Japan.) This magnificent Lily succeeds well everywhere. It is justly entitled to the name often given it, "The Queen of Lilies," as it is decidedly the most beautiful of all lilies. The immense flowers are produced in the greatest profusion, and are deliciously fragrant. In beauty of color and markings it surpasses all others. The large white petals are thickly spotted with rich chocolate crimson, and have a bright golden yellow band through the center of each.

Extra large bulbs, 11-13 in. cir., each, 25c; per doz., \$2.50; postage 5c each extra.

First size, 9-11 in. cir., each, 15c; per doz., \$1.50; postage 4c each extra.

Second size, 8-9 in. cir., each, 10c; per doz., \$1.00; postage 3c each extra.



Lilium Auratum.

Speciosum Album. Large white flowers of great substance, with a greenish band running through the center of each petal; very fragrant.

Extra large bulbs, 11-13 in. cir., each, 20c; per doz., \$2.00; postage 5c each extra.

First size bulbs, each, 15c; per doz., \$1.50; postage 4c each extra.

Second size bulbs, each, 10c; per doz., \$1.00; postage 3c each extra.

Speciosum Rubrum. One of the best lilies. White, with band and spots of rose or crimson on each petal. The petals are beautifully recurved as shown in cut.

Extra large bulbs, 11-13 in. cir., each, 20c; per doz., \$2.00; postage 5c each extra.

First size bulbs, each, 15c; per doz., \$1.50; postage 4c each extra.

Second size bulbs, each, 10c; per doz., \$1.00; postage 3c each extra.

Speciosum Melpomene. Very large flowers; rich blood-crimson, heavily spotted. Each, 15c; per doz., \$1.50; postage 4c each extra.

Longiflorum. A well-known white, trumpet-shaped lily. Extra fine bulbs, 15c each; \$1.50 per doz.; postage 3c each extra.

Tigrinum, fl. pl. (Double Tiger Lily.) Grows from four to six feet high and produces an immense number of double, bright orange red flowers spotted with black. 10c each; \$1.00 per doz.; postage 3c each extra.

MADEIRA VINE.

Tuberous rooted climber, with glossy, green leaves, and delightfully fragrant white blossoms. Sometimes called "Mignonette Vine." It is of rapid growth, and from a few tubers vines will be produced sufficient to cover one side of a cottage in a single season. The tubers are tender and must be protected from frost during winter. 5c each; 50c per doz.

OXALIS, SUMMER FLOWERING.

They are charming for pots and hanging baskets, giving a graceful display of fine foliage and flowers.

The bulbs can be planted as early as May first and will produce quickly an unbroken row of elegant foliage and pretty flowers, that is maintained from early summer until late in fall. Per doz., 10c; per 100, 60c.

CINNAMON VINE.

A beautiful rapid climber with very large heart-shaped leaves. Perfectly hardy, the stem dying down every autumn, but growing in spring so rapidly as to cover any trellis or arbor very early in the season. Large roots, 5c each; 50c per doz.

GLOXINIA.

Gloxinias are among the handsomest of our summer-blooming greenhouse plants; the gorgeously colored flowers are spotted, shaded or mottled in the most magnificent way, and the foliage has a velvety appearance. Bulbs should be started in spring in a warm place; they require partial shade and a liberal supply of water when growing. After blooming, water should be withheld, and the bulbs carefully dried and put away in a dry place through the winter. Good bulbs, finest mixed, each, 15c; 3 for 40c; per doz., \$1.50.



Lilium Speciosum.

TUBEROSE.

One of the most fragrant and beautiful of the summer-flowering bulbs. By skillful management a succession of flowers may be obtained all the year round. For early flowers, they can be started in February or March in the greenhouse or hot bed; and for a succession they may be planted at intervals as late as August. For flowering in the open border, plant about the first of May. Each bulb flowers but once, but the smaller bulbs can be set out for future flowering when their growth is complete.



Double Pearl Tuberose.

Dwarf Double Pearl. This variety is characterized by its short, robust stem and long spikes of large flowers in great profusion, perfectly double and twice the size of the common tuberose, while of equally delicious fragrance. Extra large bulbs, 3 for 10c; 25c per doz.; \$1.00 for 100. If wanted by mail, add 12c per dozen extra. Second size bulbs, all flowering bulbs, but smaller in size than above, 3 for 5c; 15c per doz.; 60c per 100. If by mail add 8c per dozen extra.

Tall Double, or Italian. The common tall Tuberose. Strong, flowering bulbs, 3 for 10c; 25c per doz.; \$1.00 per 100. If by mail add 12c per dozen extra.

The cheapest hand cultivators and the best tools we ever offered for the money, are our special No. 12 and No. 19 Single Wheel Hoe, Cultivator and Plow. No. 12 (has 4 tools) \$3.25; No. 19 (has 5 tools) \$3.75. Every home gardener ought to have one. Shall we send you special circular describing them?

HARDY BULBS AND VINES. By Express Only; Prices do not include Prepayment.

AMPELOPSIS VEITCHII.

Boston Ivy or Japan Ivy.

No picture can portray the beauty of this great climbing plant. It is adapted to all situations, and transforms the humblest cottage. It is entirely hardy in the most exposed places, attaining a height of 20 to 30 feet in two or three years, clinging to stones, brick or woodwork with the tenacity of ivy. The leaves, overlapping each other, form a dense sheet of green. For covering dead trees, rocks, walls, etc., it has no equal. In the summer the foliage is a rich shade of green, but in the fall it assumes the most gorgeous tints of scarlet, crimson and orange, so dazzling as to be seen at a great distance. Splendid field grown plants, very large, three years old, 20c each, \$2.00 per doz.



Purple.) Jackmanii Clematis. (White.

CLEMATIS.

The Clematis is entirely hardy, and for covering large spaces quickly is unrivaled. Blooms during the entire season and embraces a great variety of color. Our list, while not extensive, includes the best varieties, such as we know to succeed best in our climate. The plants we offer are Holland grown, three and four years old; they are exceptionally strong and will bloom with full vigor the first season. Plant any time from April to June. The plants must have a sunny location and good culture, and should be pruned early in the spring. Many failures in the growing of Clematis are the result of too shallow planting; the crown of the roots should be set at least three inches below the surface of the soil.

Jackmanii. A strong, healthy grower, and blooms with astonishing profusion from July to November, on shoots of present season. Flowers are of a deep velvety purple and very large.

Jackmanii Alba. Pure White.

Lady Caroline Neville. Blush White.

Gypsy Queen. One of the best of the rich purple varieties; a strong grower and a free bloomer.

Henryi. Creamy white, large and handsome.

Kermesina. Crimson flower, small but profuse bloomer; extra strong plants.

Price each, 60c; per doz., \$6.00.

CLEMATIS PANICULATA.

A remarkably beautiful hardy climber. Flowers pure white, star-shaped, about one inch in diameter, borne in large clusters. Plant is a strong vigorous grower, the flowers are very fragrant and appear in the greatest profusion during August, and continue until late in the fall. Succeeds well in almost any position. Strong field grown plants, each, 25c; per dozen, \$2.50.

HERBACEOUS PAEONIES.

Hardy.



Paeonies.

Magnificent hardy plants, almost rivaling the rose in brilliancy of color and perfection of bloom. Some of the varieties are very fragrant. They require little or no care and produce larger and finer blooms when well established.

We have a choice assortment of these beautiful plants in shades of red, pink and white. Price, each, 15c; doz. \$1.75.

HYDRANGEA.—Hardy Variety.

Paniculata Grandiflora. Few plants have the grace and beauty of this grand shrub. It grows in any soil and blooms the first year it is set out; flowers abundantly, bearing large panicles of bloom, white at first, and changing to a deep pink as the season advances. Used largely in cemeteries. Field grown plants, two to three feet, 25c each; \$2.50 per doz.



Hydrangea Paniculata Grandiflora.

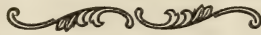
Are you willing to lend a little thought to our ideas of conducting a seed business? Our methods of the present day are borne out by an experience of many years in serving a solid and growing patronage. Are we serving you?



MAKE A LAWN.



"That man is a benefactor to his race who makes two blades of grass grow where one grew before."



If you have tried without success and have difficulty in producing results, **ASK US.**

If we were going to make a new lawn or repair an old one, we would know just how to go at it, notwithstanding conditions that might appear to be perplexing, especially to the amateur gardener or horticulturist.

Through our experience of many years in selling lawn seed, and careful study of matters connected with lawnmaking, we have become so familiar with requirements, that it is an easy matter for us to determine just what is needed, in almost any case, in order to reach best results.

When you see a nice lawn you are apt to wonder how it is that you cannot have one just as good.

Many people are tired of experimenting and they feel that it pays to ask us for information that will assist them in making their lawns.

WE CAN FURNISH INFORMATION OF THIS KIND, and IT IS FREE FOR THE ASKING.

Successful results are so dependent upon the **KIND OF SEED** used, that when questioned about seed we invariably recommend **TILTON'S FINE MIXED**, because it's the right kind. It has a reputation for best results, that is attainable only by real merit. It sells at 25c. per pound, 5 lbs. for \$1.00, 18 lbs. for \$3.00.

Full directions "How To Make a Lawn" on every package.

CHOICE MIXED LAWN GRASS SEED.

This Mixture is composed of Fine Grasses, less expensive than those used in our "Fine Mixed." It is well suited for various soil conditions, and will give good results. Valuable for use on embankments, terraces and exposed lawns; also for renovating old worn out lawns, and reseeding bare places which appear during the summer. **Price per lb., 20c.; per bu. (14 lbs.), \$2.00.**

SPECIAL GRASS MIXTURES.

FOR "SHADY PLACES."

Especially prepared for light soils and partially shaded situations, where it is difficult to produce good sod. Price per lb., 30c; five pounds or over at 25c per lb.

Special prices on large quantities.



FOR "GOLF LINKS."

This is a special mixture of fine grasses that will make a close, green, firm and lasting turf, which will stand the wear and tear and at the same time present a fine sward. Price per lb., 30c; per bu. (20 lbs.), \$3.50.

If by mail add 8c. per pound for postage.

OTHER GRASS SEEDS.

We issue a special farmer's list of Grass, Clover and Miscellaneous Farm Seeds, Stock Food, Fertilizers, etc. If you have not received a copy and would like to have one, drop us a postal.

Timothy. Most valuable of all the grasses for hay. Market price.

Orchard Grass. Valuable pasture grass; ripens with Red CloverMarket price.

Red Top. Valuable permanent grass as a mixture in meadows, pastures or lawns.....Market price.

Kentucky Blue Grass. Invaluable for pastures and lawnsMarket price.

Meadow Fescue or English Blue Grass. A highly valuable species for permanent grass land. Market price.

Crested Dog's Tail Grass. Excellent for sheep pasture; also valuable for lawns.....Per lb. 40 cts.

Rhode Island Bent Grass. Valuable for lawns and pasturesPer lb. 20 cts.

Creeping Bent Grass. Valuable as a mixture with other pasture grasses.....Per lb. 20 cts.

Wood Meadow Grass. The best variety for sowing in shaded situations; for hay or pasture, and for parks or pleasure groundsPer lb. 50 cts.

Sweet Vernal. Perennial variety. For use in pasture mixtures and for lawns; very fragrant....Per lb. \$1.00.

Canada Blue Grass. Useful for sowing on hard clay and poor soils.....Market price.

Perennial Rye Grass. A valuable grass where quick results are desired, as it grows rapidly and makes a good showing within a month from time of sowing. Market price.

Awnless Brome Grass. One of the hardiest grasses; will stand long droughts and produce heavy crops in dry sections where other grasses would perish. Per lb. 12 cts.

Sheep's Fescue. Excellent for sheep pastures, and valuable also for lawns and pleasure grounds..Per lb. 16c.

German or Golden Millet. An improved variety; closely condensed heads, numerous spikes; golden yellow seeds; grows 3 to 5 feet high.....Market price.

Common Millet. Grows 2½ to 4 feet high, with a fine bulk of stocks and leaves.....Market price.

Hungarian Grass. A species of millet, growing less rank, with smaller stocks.....Market price.

Every farmer should have twenty-five or fifty empty grain bags with his name stenciled on them. We always have plenty of sacks, second hand, but all sound, and we sell them cheap. We can furnish marking outfits, stencils, brushes, etc. See our offer on next page.

CLOVER SEEDS.

Medium or Common Red. The most important of all varieties for the practical purposes of agriculture; sow in spring or fall.....Market price.

Mammoth Pea-Vine or Large Red. Grows tall, with coarse stalks; used almost exclusively for plowing under.Market price.

Alsike or Swedish. Of fine, luxuriant growth; numerous globular heads; very sweet and fragrant.Market price.

Scarlet or Crimson. An annual, with scarlet blossom, 2 inches long; sown late in summer, it furnishes an early green fodder the following season....Market price.

Lucerne or Alfalfa. Has an immense penetrating root and when once established produces a profitable crop for from five to twelve years. Requires a deep, rich soil.Market price.

White Dutch. A small creeping spreading perennial variety, valuable for pastures and lawns....Market price.

MISCELLANEOUS FARM SEEDS.

Prices subject to market fluctuations.

Barley, Common. Sow from 2 to 2½ bushels per acre.Market price.

Buckwheat, Common. Sow broadcast about the 20th of June.....Market price.

Buckwheat, Silver Hull. An improved variety, much better than the old sort.....Market price.

Buckwheat, Japanese. The grain is much larger and has a thinner hull than other varieties....Market price.

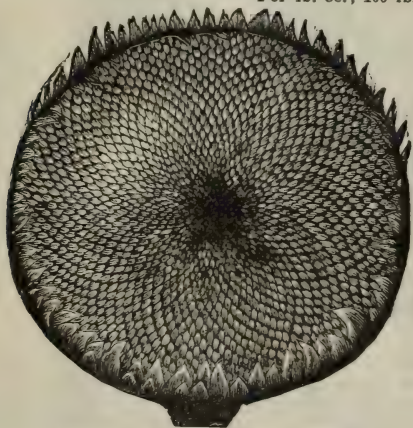
Sugar Cane, Early Amber. The earliest of all; a splendid fodder plant and is highly relished by horses, cattle and sheep. Culture same as for corn.Market price.

Kafir Corn. An excellent fodder plant; the seed makes a good food for poultry and may be fed in the grain or ground and cooked.....Market price.

Flax, Russian. The seed is larger and contains more oil than the Common Flax.....Per lb. 10 cts.; bu. \$2.00.

Hemp. Sow broadcast one-half bushel to the acre.Per bu. \$2.00.

Sunflower, Large Russian. Has larger heads and stalks and produces more seed than the common sort.Per lb. 5c.; 100 lbs. \$4.00.



LARGE RUSSIAN SUNFLOWER.



SCARLET OR CRIMSON CLOVER.

Canada Field Peas. One of the best crops to grow for fodder. Sown alone or mixed with oats, as it can be fed to great advantage to all kinds of livestock. Sow at the rate of two bushels per acre when mixed with oats, or three bushels per acre when sown alone, for plowing under.....Market price.

Southern Cow Peas. Valuable as a fodder plant, sheep being very fond of them when in flower; their chief value, however, is as a green crop to plow under. Sow in May or June, 1 to 1½ bu. to the acre and plow under as soon as they have attained their full growth.

Black..... } Market price.
Clay..... }
Whippoorwill..... }

Soja Beans. A valuable forage plant possessing feeding and fertilizing properties equal to or better than Southern Cow Peas, and will produce crops under more adverse circumstances than other forage plants. For hay sow 1½ bushels per acre, broadcast.....Market price.

Dwarf Essex Rape. A forage plant of highest value. Can be sown in April for an early crop, and for fall crop in July, August and September. Sow broadcast, 6 lbs. per acre, or in rows 2½ feet apart at rate of 3 lbs. per acre.....Per lb. 8 cts.; 100 lbs. \$6.50.

Vetches—Spring Tares (*Vicia sativa*). Grown mostly for a forage crop. Culture same as field peas; 1 to 1½ bu. to the acre.....Per pk. \$1.00; per bu. \$3.25.

Vetches—Winter, Sand or Hairy Vetch (*Vicia villosa*). For fall or spring sowing; thrives on poor, arid, sandy soils. Grows to a height of 3 or 4 feet and can be cut twice for fodder—first when bloom appears, and later for the seed. The plant is perfectly hardy; seed is black and round; should be sown at the rate of 1½ bushels to the acre.....Per pk. \$2.00; per bu. \$7.00.

BIRD SEED, ETC.

	Per lb.
Mixed Canary, Rape and Millet.....	\$0.08
Canary, Best Sicily.....	.08
Hemp .....	.08
Rape .....	.08
Millet .....	.08
Sunflower Seed .....	.10

	Per lb.
Maw or Poppy Seed.....	\$0.15
Lettuce Seed for Birds.....	.30
Rough Rice .....	.10
Vetches for Pigeons.....	.10
Cuttle Fish Bone.....	.50
Bird Gravel, per box.....	.06

We will furnish a brand new marking outfit, brass stencil, brush, and can of marking paste, for stenciling bags, boxes, etc. for \$1.00—purchaser to pay express charges. Write your name plainly.

FERTILIZERS FOR THE LAWN AND GARDEN.

If you want a good crop or a nice lawn, use the best forms of plant food. These Fertilizers furnish the plant food required, in the right proportion, at the right time. The cost is little, compared with the results obtained by using them.

Bone Meal. The best all round fertilizer for the garden, lawn or farm. It is a natural plant food, and never burns the plant, whether applied as a top dressing or directly to the roots. Our Bone Meal is very fine, evenly ground, rich in natural ammonia, free from adulteration, and always gives good results. 1 lb., 5c; 5 lbs., 20c; 10 lbs., 35c; 25 lbs., 75c; 50 lbs., \$1.25; 100 lbs., \$2.00; 200 lbs., \$3.50; ton, \$28.00.

Lawn and Garden Dressing. An odorless, dry, chemical powder; a perfect food for grass and other plants; contains all the enriching qualities of stable manure, but, as it is made entirely from chemicals, is entirely free from disease germs and weed seeds. Easy to apply. Ask for special circular telling all about it. 10 lb. bag, 50c; 25 lb. bag, \$1.00; 50 lb. bag, \$1.75; 100 lb. bag, \$3.00.

Granulated Tobacco and Sulphur. A splendid lawn dressing; convenient in form, easy of application and will not burn or injure the lawn. For garden or field purposes it is invaluable. Will destroy grubs that infest potatoes and strawberries. Per lb., 5c; 10 lbs., 30c; 50 lbs., \$1.25; 100 lbs., \$2.50; per ton, \$45.00

Pulverized (Sterilized) Sheep Manure. A most nutritious food for plants, its effects being not only immediate but lasting. It is a fine manure for mixing with the soil for potting plants, and makes a quick and safe liquid dressing. It is unequalled as a top dressing for lawns; no raking off is required; being thoroughly dry it can be scattered by hand. It is also excellent for general use on flower beds or for the vegetable garden. Safe to use in any quantity or in any manner. 25 lbs., 50c; 100 lbs., \$1.50; 500 lbs., \$6.25; 1,000 lbs., \$11.00; ton, \$20.00.

Canada Hardwood Ashes. Unleached and unadulterated. Especially valuable as a top dressing for grass land, lawns and to apply to orchards, and also for use in connection with stable manure, or where the soil is rich from previous manuring and needs something to quicken and sweeten it. Should be applied late in fall or early in spring so that the rains and snows may leach the ashes and carry the elements down to the roots of grass or trees. 10 lbs., 25c; 25 lbs., 50c; 50 lbs., 75c; 100 lbs., \$1.00; per ton, \$18.00.

Genuine Peruvian Guano. Peruvian Guano is one of the most powerful stimulants for plants and growing crops. For pot plants it should always be used as a liquid, $\frac{1}{2}$ lb. to 8 or 10 gallons of water, applied once a week. When used in a dry state should be mixed with loam or plaster, not with lime, ashes or clay, nor should it come in contact with growing plants. The quantity used per acre is 300 to 400 lbs. Ten per cent. ammonia. Per lb., 10c; 5 lbs., 40c; 10 lbs., 75c; 25 lbs., \$1.50; 100 lbs., \$5.00.

ALBERT'S PLANT FOOD.

The Best Fertilizer for House Plants.

It is a scientific preparation containing in a highly concentrated and easily soluble form the food elements required by plants. It is odorless, clean to handle, quick in its action and unequalled in its effects. Inside each tin is a small spoon holding the exact quantity required for dissolving in a quart of water. By its use plants acquire a sturdier growth, fuller development and a manifold in-



crease in bloom. For palms, ferns, India rubber plants, it is by far the most complete, most effective, most economical and easiest applied fertilizer made.

FULL directions for application are given on the outside of each tin. The lid can be removed by hand and replaced so as to keep the fertilizer airtight.

Price, per package, 15c; by mail, postpaid, 22c.

AGRICULTURAL CHEMICALS.

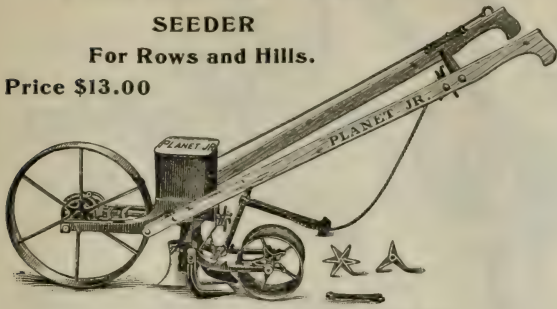
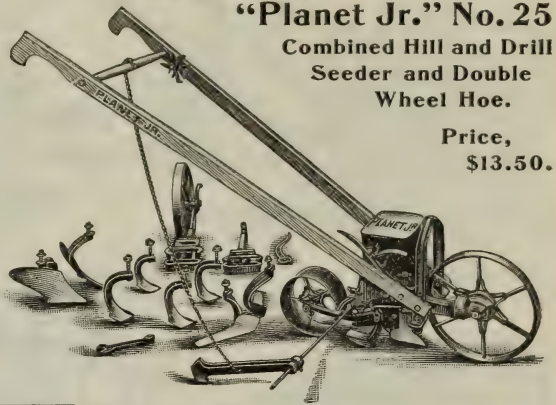
Nitrate of Soda 95 to 98% purity; 18 to 19% ammonia. Nitrate of Soda is not a substitute for other manures; it is chiefly a stimulant, and the cheapest and best form in which to apply nitrogen to plants. It hastens the maturity of plants fully two weeks. Being extremely soluble, should not be applied until the plants are above

ground, when 100 to 250 lbs. per acre may be used, dissolved in water or mixed with wood ashes or land plaster for convenience in applying. Per lb., 10c; 5 lbs., 30c; 10 lbs., 50c; 25 lbs., \$1.25; 50 lbs., \$2.00; 200 lb. sack, \$6.00; ton, \$56.00.

	200 lb. Sack.	Ton.
Sulphate of Ammonia , 20 to 25% Ammonia.....	\$8.50	\$80.00
Muriate of Potash , 80 to 85%; 50 to 52% actual potash.....	6.00	54.00
High Grade Sulphate of Potash , 90 to 95%; 48 to 52% actual potash.....	6.50	58.00

ABOVE PRICES ARE ALL F. O. B. CLEVELAND.

You will get profitable returns by using some of the fertilizers listed on this page. Poor soils can be made rich, and slow crops hastened to maturity. "Feed the plant and the plant will feed you."

"PLANET JR." GARDEN TOOLS FOR 1903.**"PLANET JR." No. 5.****SEEDER****For Rows and Hills.****Price \$13.00****"PLANET JR." No. 4.****Combined Hill Dropping Seeder and Single Wheel Hoe.****Price, complete, \$10.50
as drill only \$8.50.****"PLANET JR." No. 3.****Hill Dropping Seed Drill.****Price \$10.50****"Planet Jr." No. 25****Combined Hill and Drill Seeder and Double Wheel Hoe.****Price,
\$13.50.****"PLANET JR." No. 12.****Double Wheel Hoe, Cultivator and Plow.
Price, \$7.00.****No. 13, Double Wheel Hoe, has one pair of 6-in. Hoes only.
Price, \$4.75.****"PLANET JR." No. 17.****Single Wheel Hoe, Cultivator and Plow.
Price, \$5.00.****Planet Jr. No. 9****Horse Hoe and Cultivator****Price, \$6.90****The "Planet Jr." No. 8 all steel Horse Hoe and Cultivator.****Price, \$8.00****Without depth regulator,
(Order as No. 7), \$7.50****"PLANET JR."
Harrow and Cultivator
Price, Plain, \$5.30
" with Wheel, 6.40
" complete, 8.00**

WE MAIL FREE Special Planet Jr. Catalogue for 1903. A splendid book, 48 pages, 16 photographic views of how Planet Jr. tools are used at home and in foreign countries. Full descriptions and illustrations of the entire lines of these popular farm and garden tools. Send for one. We sell all Planet Jr. horse tools 50c. cheaper than the prices quoted in the Manufacturers' Lists. Our Prices are as Low as the Lowest.

We can furnish extras or repairs for any of the "Planet Jr." Tools.

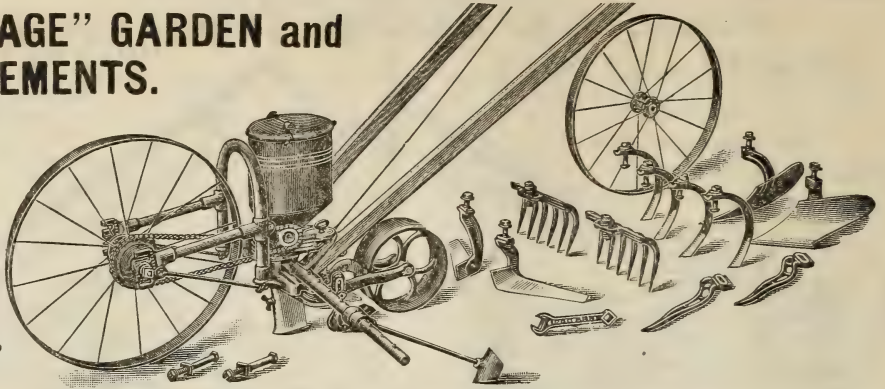
Don't leave your valuable farm machinery and garden tools out in the lot exposed to the elements. Put every tool under shelter, see that they are oiled up once in a while, and your repair bill will be a small one.

The "IRON AGE" GARDEN and FARM IMPLEMENTS.

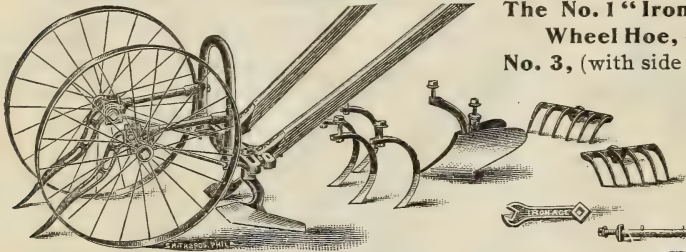
The No. 4 "Iron Age" Combined Double Wheel Hoe and Seed Drill.

Price, \$10.00

As a Seeder Only,
Price, \$7.00.



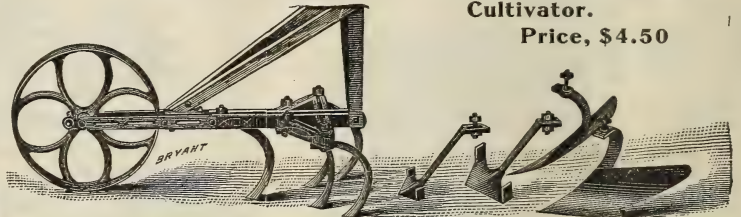
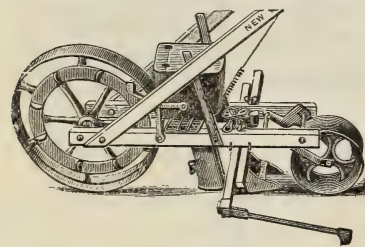
The No. 1 "Iron Age" Double and Single Wheel Hoe, complete.....\$6.50
No. 3, (with side hoes only)..... 3.75



The No. 6 "Iron Age" Horse Hoe and Cultivator.
Price, \$6.75

Gem Single Wheel Hoe and Cultivator.
Price, \$4.50

New Model Seed Drill, \$7.50



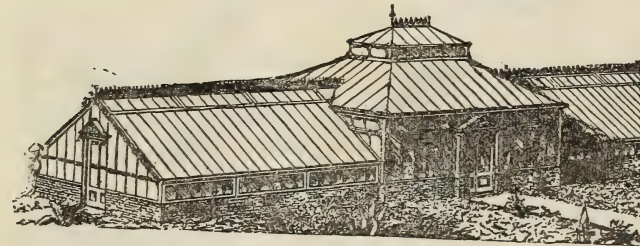
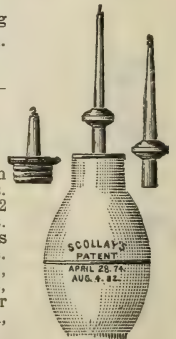
A complete catalogue of all the "Iron Age" Farm and Garden Tools will be mailed upon application.

Material for Glazing Greenhouses and Hot Bed Sash.

PUTTY BULB.—For glazing greenhouses and hot bed sash.
Each, 75c. By mail, 85c.

Pierless, or Van Reyper Perfect Glazing Points.

The best glazing points on the market. No rights or lefts. No. 1 for hot bed sash. No. 2 for large single thick glass. No. 2½ for double thick glass on greenhouses and skylights. Per box of 1,000, 60c; by mail, 75c; in lots of 5,000, by express, 55c. per 1,000. Pincers or Pliers for same, 50c; postpaid, 65c.



Mastica.—Elastic, Adhesive, Easy to apply.

The Advantage of Mastica over Putty.—Mastica is elastic and tenacious. In a few hours after use, a skin or film is formed, preventing the evaporation of the oils and leaving it pliable for years. On account of this quality it admits of the expansion and contraction which is continual in the wood-work of a greenhouse from moisture and heat. Putty, on the contrary, becomes hard and brittle, and cracks off under the same circumstances. Broken glass is more easily removed and replaced by new, without the breaking of other glass, which often occurs with hard putty. One gallon will cover about 290 running feet (one side.) Price, ½ gallon, 65c; 1 gallon, \$1.25; 6 gallons, \$7.00; 10 gallons, \$11.25; 22 gallons, \$23.40.

Glass Cutters.

Diamond, with guide wheel, each, \$3.00.

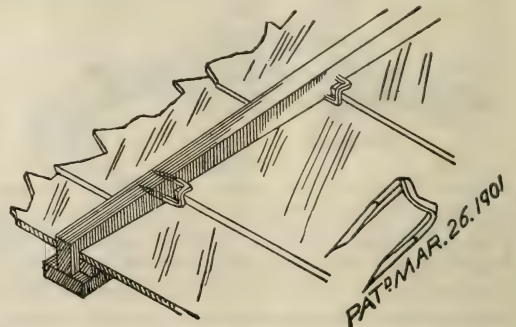
Ordinary, each, 7c; 3 for 20c.

Putty Knife.

25c each; 3 for 65c.

MASTICA GLAZING MACHINE.
For applying Mastica.

Price.....\$1.25 each; 5 for \$5.50.



Time, labor and money can be saved on the farm or garden by having good tools. You can not make a better investment than to buy a good seed drill and hand cultivator. If you do not know what kind to select, ask us; we will recommend the one best suited to your needs.

SAVE YOUR FRUIT AND GROWING PLANTS

BY USING

Deming Spray Pumps, Nozzles and Appliances.

The most Complete Line of *SPRAYING APPARATUS* for the *ORCHARD, VINEYARD* and *GARDEN*.

THE BEST Bucket Sprayers MADE

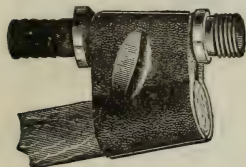
With Brass Working Parts,
Bronze Ball Valves and Malle-
able Iron Foot-Rest.

NOZZLE COUPLING and HOSE STOCK.



$\frac{3}{8}$ in. each.....20c
 $\frac{1}{2}$ in. each.....25c

Extension Pole Holder.



Showing Hose Stock attached.
Price alone, each.....25c



All Brass Bucket Spray Pump,
\$2.50.

The best pump for the price
that has ever been offered. It will
throw a *fine spray* or a *solid*
stream.



All Brass Bucket Spray
Pump, \$3.25.

Double acting, throw-
ing a continuous stream
or fine spray. Fitted
with Bordeaux Nozzle.



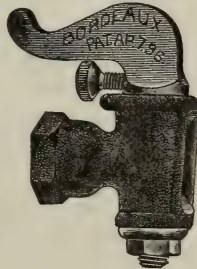
All Brass Bucket S. ray Pump,
with combination foot-rest,
\$3.75

The new combination bucket
clamp and foot-rest enables the
operator to have the pump and
bucket clamped together as one
outfit, with the bail standing
upright in a rigid position.
Thus the entire outfit can be
carried in one hand, a feature
possessed by no other spray
pump.



Brass Hose Couplings.
 $\frac{3}{8}$ in. \$0.15. $\frac{1}{2}$ in. \$0.20.

The "Incomparable Bordeaux" Spray Nozzle.



The best combination
spraying nozzle.
Price, each.....75c.

The "GEM" Spraying Outfit.

Barrel Cart with Pump
attached ready for oper-
ation. Price, com-
plete, \$17.00.

Cart only,
\$9.00.
Pump only,
\$6.00.



IMPROVED BRASS ELBOW.

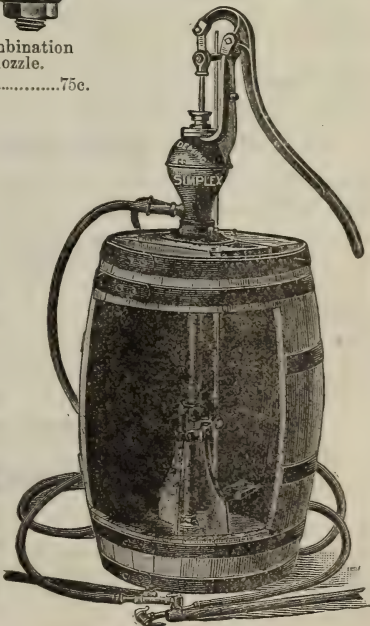


Price, each25c.

SIMPLEX Barrel Spray PUMP

Popular Orchard
Sprayer with me-
chanical agitator.

Price, complete,
with two 12 $\frac{1}{2}$ foot
sections $\frac{1}{2}$ -in. hose,
.....\$12.00
Pump and one 12 $\frac{1}{2}$
foot section of $\frac{1}{4}$ -in.
hose.....\$9.00
Barrel extra...\$2.00



SPRAYING FOR PROFIT.

A 72 page book on spraying.
Tells HOW TO SPRAY.

WHEN TO SPRAY.

WHAT TO USE.

20c

FREE with any of the pumps listed above.

TILTON'S WHAT-NOT LIST.

INCLUDING SUNDRIES FOR THE

Florist, Farmer, Gardener and Lawn
NOT PREVIOUSLY CLASSIFIED.

Aprons, Rubber.—These are especially made for us of best quality of Black Sheetting, and are $1\frac{1}{4}$ yards long. Each, \$1.50; 3 for \$4.00; dozen, \$15.00 (6 at a time at dozen rate.)

If to be sent by mail add 25 cents each extra for postage.

Asparagus Knife, Chisel Shaped.—Each, 30c; per doz., \$3.00.

Barrel Cart, Water.—The best on the market. Each, \$11.00.

Barrel Cart, Water.—Fitted with Force Pump for spraying orchards. Each, \$17.00.



BELLOWS.—Two Sizes.

For applying Slug Shot and other light, dry powders. Small size, \$1.00; large size, \$1.50.

Cane Stakes.—6 to 8 feet long; can be cut to any desired length; we are headquarters on these; per 100, 70c; 250 for \$1.50; per 1,000, \$5.50; special prices on large lots.

CAPE FLOWERS.—New Crop.

White, extra select, per lb.....\$1.00

Colored, first quality, in any of the following shades: Bright scarlet, pink, light violet, medium violet, dark violet, orange, yellow, green, magenta, per lb..... 1.75

Chenille Lettering.—Worsted, regular size, red, pink, purple, white, lavender, per piece, 12 yds., 25c; per doz. pieces, \$2.50. Twisted, red, pink, purple, white, per piece, 25c; per doz. pieces, \$2.50.

Crepe Paper.—Waterproof, various colors, in rolls 10 feet long. Per roll, 25c; per dozen rolls, \$2.50.

CORN PLANTER.

American Standard, the best hand corn planter made; has rotary dropping disc. Each, \$1.50.

CYCAS LEAVES.

Prepared, first quality; high finish.

Size.	Each.	Per Doz.
24-28 inch	\$.25	\$2.50
28-32 inch .....	.30	3.00
32-36 inch .....	.40	4.00
36-40 inch .....	.50	5.00

DANDELION PULLER.



The best Dandelion puller on the market. Made of best steel and cannot break with ordinary use. 50c.

DIBBLES.

For Transplanting Vegetable Plants.



WOODEN HANDLE.

Large Size, each, 35c.
Per doz. - \$3.50.
Small Size, each, 30c.
Per doz. - \$3.00.

ALL IRON.

Each.....35c.
Per doz.....\$3.50.

ALL IRON.

D HANDLE.
Each.....50c.
Per doz.....\$5.00.

DUSTERS.

Cyclone Powder Gun for distributing insect powder, tobacco dust, etc. 15c. each; 3 for 35c; doz. \$1.25.

Jumbo Powder Gun. Larger than the Cyclone; holds 4 oz. of powder. 25c. each; 3 for 60c; doz. \$2.10.



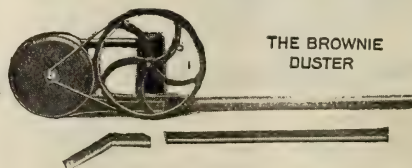
SLUG SHOT DUSTERS.

For applying Slug Shot. 1 gallon size, 40c; $\frac{1}{2}$ gallon size, 30c.

THE BROWNIE DUSTER

—FOR—

Garden, Vineyard and Small Trees.



Particularly useful for in-door as well as out-door work, wherever a dry powder is required.

Each\$3.00

Improved Little Giant Duster.

Distributes any dry powder, Patis Green, etc., to perfection. Each, \$5.00.

CHAMPION DUSTER.

Distributes Paris Green, London Purple, Hellebore, Sulphur or Lime. Greens two rows of potatoes at a time.

Each.....\$7.50



"PERFECT" Flower Pot Handle and Hanger.

For lifting plants out of Jardinieres, also for hanging up plants for Decorations on Walls, etc., and will sustain a weight of 100 lbs.

No. 1. Will fit from 2 to 5 inch pots, per doz.....\$.30

No. 2. Will fit from 5 to 8 inch pots, per doz......40

No. 3. Will fit from 8 to 12 inch pots, per doz......50

By mail, 10 cents extra per dozen. Sample pair, 10 cents, postpaid.

Fumigator

For applying "Nicotidic" as a fumigant.

50c.

Will Last for Years



Garden Lines—In hanks 200 feet, each, 25c; 1,000 feet for \$1.00.

Garden Line Reels—Small size, each, 50c; large size, each, 75c.

GARDEN BOXES.

For market use, made of dry, sound white pine. Two sizes:

No. 1—21½x13x8 in. Each. Per 100. \$14.00

No. 2—21 x14x8 in.15 14.00

50 boxes or over at the hundred price.

Price subject to advance without notice.



¼ lb. 1b. package, 10c; ½ lb. package, 15c; 1 lb. 25c.

GRAIN BAGS.

Have been used but once. As good as new.

Each15c.

Per dozen\$ 1.50

Per hundred 12.00

GRASS EDGER.—"Planet Jr."

Will edge either straight or curved work, paths, drives, open borders on flower beds, at the speed of a mile an hour. It should be the constant companion of the lawn mower. Each, \$6.00.

Horse Radish Grater.

Tin clad cylinder.....each, \$7.00
With steel pin cylinder..... 8.00

HOSE COUPLERS.—"Acme."

No Florist should be without them.

No. 1.—For New Hose. With the use of No. 3, goes on end that attaches to either faucet or ground pipe. It is used with No. 2 for connecting two lengths of hose.

No. 2.—For New Hose. Used on nozzle end of hose and can be connected with any nozzle by using the No. 4 as an intermediate. Use with No. 1 for connecting two lengths of hose.

No. 3.—For Old and New Hose. Screws on faucet, ground pipe, or hose crook, on any of which it may be left permanently, and to it the hose is readily attached by the lever connections, No. 1 or 4.

No. 4.—For Old Hose. Screws into old style couplings on hose and attaches to No. 2 or 3. Use as an intermediate for connecting nozzle to No. 2 or 3.

PRICES.

	Each.	Dozen.
No. 1	\$.12	\$1.35
No. 2 .....	.10	.75
No. 3 .....	.10	.75
No. 4 .....	.12	1.30
	Per set.	Per doz. sets.
No. 1 and 2.....	.18	2.00
No. 2 and 4.....	.18	2.00
No. 3 and 4.....	.18	2.00
No. 1 and 3.....	.18	2.00

HOSE COUPLERS.—"Quick as a Wink."

The "Quick as a Wink" coupling has no screws, and water-tight connections can be made in a jiffy by anybody—even by children. To connect, simply push together. To disconnect, press levers (to open jaws) and pull apart.

Part A is made to screw onto the hydrant and remain there. Each, 17c; dozen, \$2.00.

Part B is made with shank, to be attached to hose by clamps or bands in the usual way; has two clamping jaws hinged to open outward and operated by a spring and lever. Each, 40c; dozen, \$4.50.

Part D is made with shank, has a square shouldered groove adapted to receive the outer ends of the spring operated jaws. Each, 17c; dozen, \$2.00.

Part B4 is outside threaded, to be screwed to inside threaded articles—nozzles, lawn sprinklers, etc. Each, 50c; dozen, \$5.00.

Blackburn's Bands, for attaching couplings to hose. Dozen, 25c.

HOSE MENDERS.

Wooden.—For ¾-in. hose. Doz. 8c.; per 100, 50c.
Iron.—¾-in. Each, 5c.; dozen, 45c.

THE COOPER.

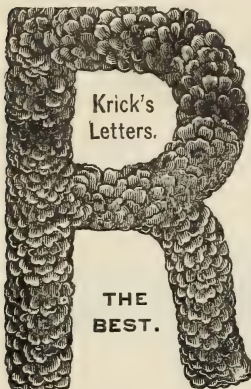
It is simple, practical and effective. It does not reduce the diameter of the hose. It will not rust or wear out. It can be used as many times as desired. You need no wires, pliers, or mechanical skill to adjust them. They make your hose as good as new. Last of all, when once used you will never be without them. Price for ½ or ¾-in. hose, each, 8c; 4 for 25c; doz., 75c., by mail 90c.

IMMORTElLES.

We import Immortelles direct from the growers in France, and carry a large stock on hand. Full size bunches and right colors.

	Doz.	100
Scarlet, Pink, Purple, Black, Blue,	Bunch	Bunch's Bunch's
Green, Magenta, Orange, White....	\$ 30	\$ 25 \$25 00
Yellow (natural)	25	\$ 2 75 21 50

Prices for case lots on application. Cases contain 125 bunches.



KRICK LETTERS

No Florist should be without these letters, as they are always ready for use. Each 3c. Per 100, \$2.50.

Labels, Pot and Tree.

Pot Labels.—Wooden.

Per 1,000.	Plain.	Painted.
3 1/2 inch	\$.45	\$.60
4 inch .....	.55	.75
4 1/2 inch .....	.60	.80
5 inch .....	.75	.90
6 inch .....	.90	1.25
8 inch	2.25	3.00
10 inch	2.75	3.50
12 inch	3.50	4.50

Tree Labels.—3 1/2 inch, per 1,000 copper wired ...\$1.10

Glass Labels.—Flat glass tubes for labels, per doz. 35c; per 100 \$2.50.

THE "LINKS-LAWN" BOOT

FOR USE ON

Golf Links, Tennis Courts and Fine Lawns.



In two seasons it has won the emphatic endorsement of the leading Green keepers throughout the country, and its increasing success is assured.

Aside from its lasting qualities it is the only humane boot on the market for the reason that it is fastened firmly to the hoof instead of around the ankle, thus giving free action to the horse's feet and obviating all possibility of chafing.

Our process of hardening, water-proofing and steel riveting the sole inside and out gives a durability never before obtained in a lawn boot.

The above cut shows the rolling toe which prevents the cutting of the turf and also indicates how simple and positive the fastening is. Price \$8.00 per set of four.

Regular Sizes

No. 2	No. 4	No. 6
Width Inside.....5 1/2 inches.	6 1/2 inches.	7 inches.

Leaf Mould.—For ferns, etc., clean stock, 6 bbls. \$5.00; per bbl. \$1.00.

MATCH STICKS.

	White.	Green.
12-inch, Poplar, per 1,000.....	\$.80	\$1.00
18-inch, Poplar, per 1,000.....	1.20	1.50

Packages contain 250 sticks. We do not break packages.

Mats, Braided, Willow Chip, 28x36 inches square, in the following colors: White, pink, light green, lilac, yellow. Each 25c; per dozen \$2.50

MOLE TRAP.—The Reddick.

A new and improved trap, possessing the good qualities of all the old ones. It is easily set, and has a very powerful spring. In every way a splendid trap. No mole can pass under it and live.....each, 75c.

MOSS.—Green Sheet.

For lining windows, hanging baskets, etc.; good clean stock, perfectly dry.

Burlap bales, holding four bushels, each.....\$2.00

Spagnum.—Extra clean, for florists' use; Burlap bales, each, \$1.25; 5 bales, \$6.00; 10 bales, \$10.00.

Moss, dry, in packages; bright green. Per package, 10c; per doz. packages\$1.00

PAMPAS PLUMES.

	Doz.	100.
White, natural, 28 to 30 inch.....	\$.60	\$4.00
Colored, 28 to 30 inch.....	1.00	7.00

Peat, Indiana or Muck Peat.—For Azaleas, Rhododendrons, etc. 3 bbls. \$4.00; barrel\$1.50

Orchid.—(Fern roots), best quality. Bbl., \$2.00; 3 bbls.\$5.50

Pencils, Indelible.—With tip, for marking labels. Each, 12c; doz.\$1.20

PLANT BED CLOTH.

A cheap and effectual substitute for glass on hot beds and cold frames. Protects plants in spring or fall from frosts, etc. We do not sell less than 20 yards of a kind. Samples on application.

Cloth is 36 inches wide.

MEDIUM GRADE:

Pieces run about 60 yards.
Per yard8c.
60 yard pieces or over7 cents per yard.

HEAVY GRADE:

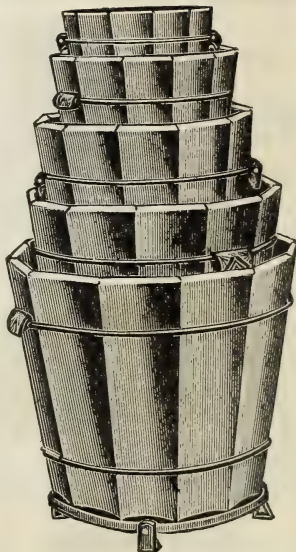
Pieces run about 50 yards.
Per yard12c.
50 yard piece or over11 cents per yard.

PLANT STAKES.

Hard-Wood, Green.—Handsone and convenient for Gladiolus, Dahlias, etc. 3 ft., heavy. doz. 20c; 100, \$1.25

Poplar, Pointed.—For Hyacinths, Tulips, etc., in pots, pans and boxes. White, 12-inch, per 1,000, 80c; 18-inch, per 1,000, \$1.20; Green, 12-inch, per 1,000, \$1.00; 18-inch, per 1,000, \$1.50.

PLANT TUBS.—Columbia.



12 in. diam. by 11 in. high.....	Each, \$1.00.....	3 for \$2.55
15 " " 14 "	" 1.50.....	" 3.75
18 " " 16 1/2 "	" 2.00.....	" 4.80
21 " " 18 1/2 "	" 2.50.....	" 6.00
24 " " 20 1/2 "	" 3.00.....	" 7.50

Pompons, or Fairy Flowers.

	Doz.	100	1,000
White or natural, large.....	\$ 15	\$ 90	\$8.00
White or natural, small	10	50	4.50
Colored and Tinted, various shades...	20	1.25	12.00

PUMPS.—The Kinney.



For applying liquid manure; will apply from 5 to 15 gallons per minute, allowing no waste; by attaching this pump to water hydrant and placing the suction hose into a barrel or tank of liquid manure, you will get a continuous stream; the pressure does the work. The pumps are made of brass and never wear out; besides its use in applying manure water, it can also be used in spraying and tempering water by using a quantity of heated water and using as above. Each, \$2.

**Potato Knife, Concave.**

Each 25c.
Dozen..... \$2.50.

RAFFIA.

For making Hats, Baskets, Mats,
and Bunching Vegetables.

WE ARE HEADQUARTERS.

Natural Color { Per lb. \$.20
5 lbs.90
10 lbs. 1.75
25 lbs., 15c per lb.
100 lbs., 12c per lb.
Original bale of 220 lbs., at 11c
per lb.

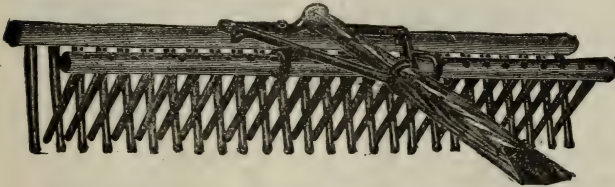
Subject to market changes.

Colored, red, yellow, orange, green, olive, black,
brown, blue, purple.

If by mail, add 16c { Per 1/4 lb. \$.20
per pound to cover { Per 1/2 lb.30
postage. { Per 1 lb.45
{ Per 5 lb. 2.00
{ Per 10 lb. 3.50

RAKES.

Garden, steel, 12 in. \$.40
Garden, steel, 14 in.50
Garden, malleable, 12 in.25
Garden, malleable, 14 in.30
Lawn, 20 in.60
Lawn, wooden, 22 teeth.30
Lawn, wooden, 26 teeth.40

**AUTOMATIC SELF-CLEANING.**

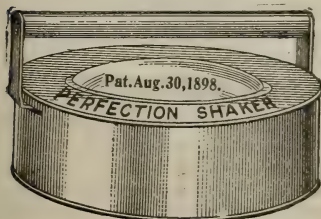
22 Teeth, 60c.; 26 Teeth, 75c.

Rubber Bands for Carnation Flowers.

Tiny rubber bands, almost invisible. They are
put on the buds just before the flowers open, or
after the calyx bursts.

Per box of 1,000 bands \$.15
" " 2,000 "25
" " 4,500 "50
" " 7,000 "75
" " 10,000 " 1.00

Scythe Stones—Common, each, 5c; per doz., 50c.
Sickles or Grass Hooks—Ordinary, 25c and 30c.

**SHAKERS**

For applying
Bug Death,
65c each;
3 for \$1.75.

SHEARS.

Grass, for trimming around the lawn, each,
25c; doz. \$2.25
Pruning, common, each.35
" Cronk, each50
" French, each 50c and .75

SPRAYERS.**TRI-JET
HAND SPRAYER.**

With Galvanized Iron Reservoir.....each, \$.50
With Copper Reservoir.....each, .75

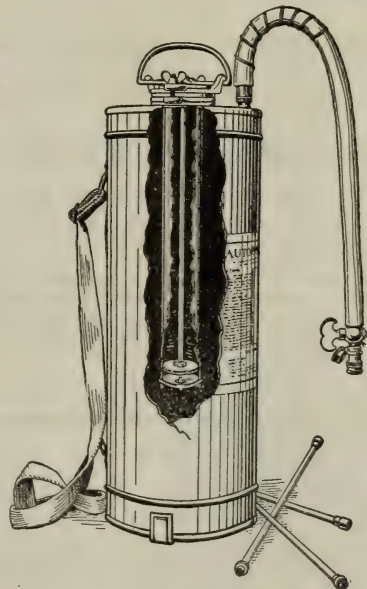
MYSTIC HAND SPRAYER.

For Green House, House-Plants and Garden.



These Sprayers work to perfection, and are
sure to give satisfaction. Hold 1 quart.

All Tin, 50c each; Brass Reservoir, 75c each.

**AUTO-SPRAY.**

Capacity, 4 gals.

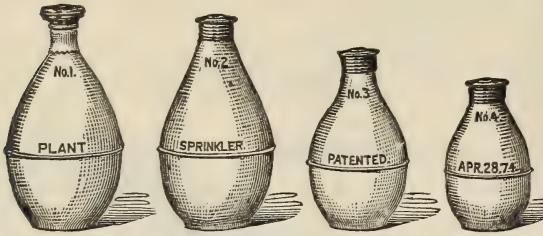
With Galvanized Steel Tank.....\$4.50
With Copper Tank..... 6.00

EXTRAS.

Extension Pipes, 2 feet lengths, Galvanized
Steel, Brass Ends.....\$.30
Extension Pipes, 2 feet lengths, Solid Brass.. .35
Elbow Connection, Solid Brass..... .35

SPRINKLERS.

Scollay's Rubber, indispensable for florists' use.



Each 75c. Doz. \$8.50. Each 65c. Doz. \$7.50. Each 55c. Doz. \$6.00. Each 40c. Doz. \$4.50.



Each 75c. Doz. \$8.50.

STENCILS, BRASS.

For marking boxes, grain bags, etc. Write your name plainly.

1 inch letters4c. per letter.
1 1/4 inch letters5c. per letter.
1 1/2 inch letters6c. per letter.
2 inch letters8c. per letter.

STENCIL BRUSHES.

No. 4. Small size15c.
No. 6. Large Size25c.

STENCIL MARKING PASTE-BLACK.

Can be used with water, turpentine, benzine or oil. 1 lb. box, 40c.

STRAWBERRY RUNNER CUTTER.

This is a ten-inch flat steel disc, mounted on an out-rigger for attaching to the Planet Jr. Twelve-tooth Harrow. Each \$1.75.

THERMOMETERS.

Thermometers cannot be sent by mail.

Tin Case.—8-inch, each 12c., 12 for \$1.20; 10-inch, each 15c.; doz. \$1.60.

Self-Registering.—With magnet, 8-inch. Each \$2.50

Maximum and Minimum.—For registering cold during absence and showing present temperature. Each \$2.50

Hot Bed (Mushroom).—Brass point, wood frame. Each \$1.50.

TIN FOIL.

Write for Latest Market Quotations on Quantities.

Florists' Foil.—5-inch—2 lbs., 25c; 10 lbs., \$1.00; 50 lbs., \$4.50; 100 lbs., \$8.50.

Violet Foil.—Indispensable for florists with good Violet trade. Lb., 55c; 5 lbs., \$2.65; 10 lbs., \$5.00. Prices subject to market changes.

Tooth Picks.—C. T. & Co.'s first quality; 1 box, 10c; 3 boxes, 25c; 7 boxes, 50c; 17 boxes, \$1.00; per case, 100 boxes, \$5.50.

C. T. & Co.'s second quality; 1 box, 6c; 5 boxes, 25c; 10 boxes, 40c; 20 boxes, 75c; per case, 100 boxes, \$3.25.

Wired Tooth Picks.—A time and money saver; put up in boxes containing 10,000 wired picks ready for use. Price, \$2.00 per box.

Tobacco Dust.—One of the best remedies for green and black aphids, fleas, beetles, etc., per lb., 5c; 10 lbs., 40c; 25c lbs., 75c; 100 lbs., \$2.00.

TROWELS.

Solid steel25c.
Ordinary10c.
Cleve's Angle, 5 in. 15c; 7 in. 20c; 8 in. 25.

TWINE.

Prices subject to market changes.

Marlin.—Tarred Cord, the best for making hot-bed mats.

2 and 3-ply, in balls, per lb., 12c; per 100 lbs., \$11.00.

Jute Twine.—For bunching, tying grape vines, etc. 2, 3 and 4-ply, in balls, per lb., 11c; per 100 lbs., \$10.00.

White Cotton Twine.—For bunching and wrapping.

3-ply (5 balls to the pound), per lb., 20c; per 5 lb. package, 90c. 4-ply (5 balls to the pound), per lb., 22c; per 5 lb. package, \$1.00.

Hemp Twine.—For tying corn fodder, etc. No. 7, in

1 1/2 lb. balls, per lb., 12c; per 100 lbs., \$11.00. No. 8, heavier than the No. 7, 1 1/2 lb. balls, per lb., 12c; per 100 lbs., \$11.00.

Green Twine.—For stringing Smilax. Quarter-pound balls, per ball, 25c.

WEEDERS.

	Each.	Doz.
Excelsior Hand	\$ 10	\$ 75
Lang's, the best hand weeder.....	20	2.00
Weeding Fork	10	75

WORM ERADICATOR.—“Electric.”

A perfectly odorless scientific preparation for immediately removing Worms, Ants, Flies, Lice or any kind of insects from lawns, flower beds, trees, plants, shrubs, flower pots, etc., without damage to the most delicate plant or flower. The worms will immediately rise to the surface of the soil or will fall from the trees, fruits or flowers, and in a few minutes will die. Highly concentrated; used by diluting water. Sold in bottles; full directions with every package.

50c. bottle will make 10 gallons of liquid.

\$1.00 bottle will make 25 gallons of liquid.

\$3.00 bottle will make 80 gallons of liquid.

FLORISTS' WIRE.

Florists' Annealed Wire.

BRIGHT AND CLEAN.

No.	Per lb.	3 lbs.	6 lbs.	Per Stone of 12 lbs.
19.....	\$0.10.....	\$0.25.....	\$0.40.....	\$0.70
20.....	.10.....	.25.....	.40.....	.70
21.....	.10.....	.25.....	.45.....	.75
22.....	.10.....	.25.....	.45.....	.80
24.....	.12.....	.30.....	.50.....	.90
26.....	.12.....	.30.....	.55.....	1.00
28.....	.15.....	.35.....	.60.....	1.10
30.....	.15.....	.40.....	.65.....	1.20
32.....	.20.....	.50.....	.90.....	1.30
36.....	.25.....	.60.....	1.10.....	1.90

Florists' Cut Wire.

No.	Per Box.
18 and 19.....	\$1.00
21.....	1.10
22.....	1.20
24.....	1.30
26.....	1.50
28.....	1.80
32.....	2.10
36.....	2.50

IN WOODEN BOXES.

12 LBS. IN EACH BOX.

Especially prepared for Florists' use. It is clean, extra soft white wire, cut to 12-inch lengths; ready for immediate use. The most convenient form to use.

TERMS NET CASH.

We do not sell less than a box of any size.

Subject to advance without notice.

Write for lowest market rates on quantities.

HAIR PINS FOR FLORAL PIECES.

No. 20 Annealed Wire—round crown, 2 in. long 5/8 in. spread, 50 cents per thousand.

FLORISTS' WIRE DESIGNS.

Our wire work is made by the best and most reliable workmen. We can fill all orders, large or small, promptly.

Special designs made up on short notice. First-class workmanship, perfect shape. lowest prices guaranteed. Let us have your orders. Our special catalogue of wire designs mailed on request.

KILL THE BUGS.

Sulpho-Tobacco Soap.

For a cheap, effective, clean and harmless insecticide for amateur and professional growers this is unexcelled. Quickly exterminates all insect life on plants and flowers in and out of doors. Unsurpassed for rose bushes. It acts as a valuable fertilizer reviving plant life. For domestic purposes it rids the house of cockroaches, and is a superior wash for dogs and all animals. Prevents poultry lice. You cannot afford to be without this well-known insecticide, if you desire to be successful in plant culture. A trial will give highly gratifying results. 3-oz. cake, sufficient for 1½ gallons prepared solution, 10c; mailed postpaid 13c. 8-oz. cake, sufficient for four gallons prepared solution, 20c; mailed postpaid 28c.



Rose Leaf Insecticide. (Extract of Tobacco)—While this is not the most efficient of the Tobacco insecticides it is largely used by Florists in their greenhouses. It is an aqueous extract of tobacco containing more or less nicotine poison, and when vaporized or used as a spray is beneficial in the destruction of greenhouse pests. Price, 1 pint can, 30c; 1 quart can, 50c; 1 gallon can, \$1.25; 5 gallon can, \$4.25.

"NICOTICIDE" FUMIGANT OR SPRAY.

Is an absolute, certain destroyer of all greenhouse bugs, whether on flowers, fruits or vegetables. Does not damage the foliage or flowers of the most tender plants. Is sold in cans, as follows:

No. 1, containing 1 pint, sufficient for 32,000 cubic feet of space, \$2.50 each. No. 2, containing ½ pint, sufficient for 16,000 cubic feet of space, \$1.25 each. No. 3, containing 4 ounces, sufficient for 8,000 cubic feet of space, 70c.

Lemon Oil Insecticide.—Destroys Scale, Mealy Bug, Spider, Mildew, Rust, Aphis, Caterpillar, Etc. We give these goods our endorsement only after a thorough test by the most prominent growers in the country.—DILUTE WITH WATER 30 TO 50 PARTS. CHEAP IN PRICE, SAFE TO PLANTS, DEATH TO all PESTS, HARMLESS TO USER, FREE from Odor. ½ pint, 25c; pint, 40c; quart, 75c; ½ gallon, \$1.25; gallon, \$2.00.

HELLEBORE, PURE POWDERED WHITE.

For the destruction of slugs, worms, caterpillars, etc. Less poisonous than London Purple and Paris Green, and safer to use when fruits and vegetables are nearly ripe.

Per lb., 20c.; 5 lbs., 80c.; 10 lbs., \$1.50; 100 lbs., \$12.00.

WHALE OIL SOAP.

An effectual remedy for destroying and preventing insects on plants, trees, vines, etc., and for washing down the barks of trees, grape vines, etc. In pasteboard boxes, ¼ lb. box, 5c.; ½ lb. box, 10c.; 1 lb. box, 20c. Special prices on Whale Oil Soap in bulk.

BORDEAUX MIXTURE.

(Liquid.)

The mixture we offer is a scientific preparation, chemically pure, and we guarantee it to be better than home-made; by simply adding water and stirring, it is ready for use. Put up in patent non-corrosive cans; one gallon will make 50 gallons by the addition of 49 gallons of water. Per 1 qt. can, 40c.; 1 gallon can, \$1.00; ½ barrels at 75c. per gallon; barrels at 70c. per gallon.



PARIS GREEN, PURE.

Valuable for destroying potato bugs. Very poisonous, but invaluable on the farm or garden. ¼ lb. box, 10c.; ½ lb. box, 15c.; 1 lb. box, 25c.; 2 lb. box, 40c.; 5 lb. box, 90c.; 14 lb. pail, \$2.40.

LONDON PURPLE.

One of the best destroyers for insects. It is less dangerous than Paris Green, but equally efficacious, and more soluble in water. One pound boxes, per box, 25c.; five pound boxes, per lb., 20c. Special prices on bulk quantities.

SLUG SHOT.

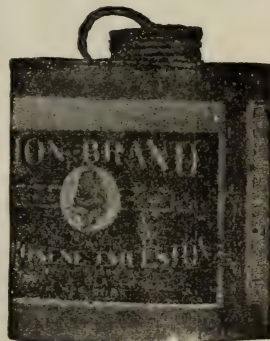
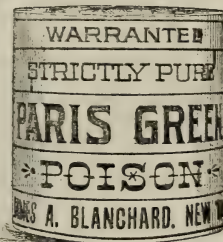
A very light powder which effectively disposes of insects on vegetables, fowls or animals. Safe and cheap. 1 lb. carton, (with perforated top), 15c.; 5 lb. package, 25c.; 10 lb. package, 45c.

Lion Brand KEROSENE EMULSION, Concentrated.

A safe, reliable, perfect and effective emulsion. (Paste.) Kerosene is used against all sucking insects, the most destructive of which are the plant-lice and scale insects. This preparation is an effective insecticide for all sucking insects, ready for use by diluting with water; one quart makes 20 gallons of spray. Per 1 qt. can, 40c.; 1 gallon can, \$1.00; 5 gallon can, \$4.50.

TOBACCO DUST.

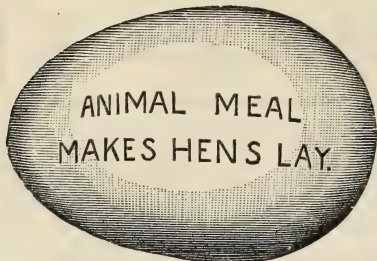
1 lb., 5c.; 10 lbs., 40c.; 25 lbs., 75c.; 100 lbs., \$2.00.



WE ARE HEADQUARTERS On Ready-to-Use Spraying Material and Insecticides
IN BULK QUANTITIES.

Write us if in need of Large Quantities.

POULTRY AND STOCK FOOD, ETC.



BOWKER'S CELEBRATED EGG-FOOD ANIMAL MEAL—Always Sold in Yellow Packages—Animal Meal is a clean, sweet combination of thoroughly cooked meat and bone, easily and quickly digested, and makes hens lay and chickens grow.

It is not a medicine, but a true egg producing, flesh and bone forming food, and supplies just what laying hens and growing chicks require, and takes the place of all other animal food as well as ground bone or crushed oyster shells. It is prepared from fresh meat and fresh bones carefully selected, dried and ground to a sweet meal. It should never be fed dry or alone, but should be fed in connection with other foods made into a mash. Ask for pamphlet called "The Egg." It is a valuable little book treating upon the care of poultry. Per lb., 5c; 10 lbs., 40c; 25 lbs., 75c; 100-lb. bag, \$2.50.

RUST'S EGG PRODUCER.

Makes fowls vigorous and healthy, shortens the moulting period, prevents and cures leg weakness, etc., and is just what is needed to make poultry keeping profitable. Hens must lay when you feed with it.

1-lb. box, 25c; if sent by mail, 44c. 2½-lb. box, 50c; if sent by mail, 94c.
6-lb. box, \$1.00; 10-lb. box, \$1.50; 25-lb. box, \$3.50. These three sizes are too large for mailing, but can be sent by express or freight.

RUST'S HAVENS' CLIMAX CONDITION POWDER.

An invaluable cure for gapes, fowl cholera and other diseases of poultry, and equally good for all kinds of stock.

13-oz. box, 25c; if sent by mail, 40c. 32-oz. box, 50c, if sent by mail, 85c.



5-lb. box, \$1.00; 8-lb. box, \$1.50; 20-lb. box, \$3.50. These three sizes are too large for mailing, but can be sent by express or freight.

RUST'S HAVENS' ROUP PILLS.

Harmless and effective; the best remedy ever discovered for Roup, Catarrh, Colds, etc.

Box of 50 Pills.....25 cts.
Box of 250 Pills.....\$1.00

Mailed on receipt of price.

CRUSHED OYSTER SHELLS.

One of the most important articles for the poultry yard through the winter and should be liberally supplied to fowls to supply lime. It is a substitute for bone, being cheaper. Per lb., 2c; 10 lbs., 15c; 25 lbs., 30c; sack of 100 lbs., 75c.

GRANULATED BONE.

Is about the size of wheat or cracked corn, and can be fed like any other food in grain. About one handful for every five fowls daily. It furnishes a valuable food for poultry at all seasons of the year. Per lb., 5c; 10 lbs., 40c; 50 lbs., \$1.50; sack of 100 lbs., \$2.75.

MANN'S GRANITE CRYSTAL GRIT.

Every poultryman knows the value of grit for poultry. Granite Crystal Grit is the sharpest and hardest grit known. It is free from dust, lasts longer and is more economical than any other grit. Oyster shells are not needed when Granite Crystal Grit is used. The chemical analysis shows mineral qualities of iron, silica, aluminum, mica, etc., which provide a health-giving tonic. Put up in 100 lb. bags. Three sizes: X for brooders and pigeons; XX for chickens; XXX for hens, ducks and turkeys. Per lb., 3c; 10 lbs., 20c; 25 lbs., 40c; per sack, \$1.00.

Valuable Pamphlet on Poultry Keeping and our Price List of Poultry and Pigeon Foods mailed free.

LINSEED MEAL—(Old Process, fine)—One of the most economical cattle and stock foods. Nothing better for feeding stock, particularly cows with calf, and for fattening cattle, sheep and hogs. OLD PROCESS meal contains more oil than NEW PROCESS.

10 lbs., 30c; 50 lbs., \$1.00; 100 lbs., \$1.75; Ton, \$32.00. Price subject to change.

ROCK SALT—Furnishes the best means of supplying all kinds of stock with just the amount of pure salt necessary, and at such times as nature requires. In lumps of any size from 5 lbs. upwards. 5 lbs., 10c; 25 lbs., 35c; 50 lbs., 50c; 100 lbs., (bbls. or sacks free) 75c. Special prices on quantities.

STANDARD FLOWER POTS.

Size.	Each.	Per doz.	Per 100.	Per 1000.
2 inch.....	\$0.01	\$0.09	\$0.55	\$4.50
2½ ".....	.01	.11	.70	5.00
3 ".....	.02	.12	.80	6.50
4 ".....	.03	.25	1.20	10.00
5 ".....	.04	.35	2.50	18.00
6 ".....	.06	.55	3.50	25.00

Size.	Each.	Per doz.	Per 100.	Per 1000.
7 inch.....	\$0.08	\$0.85	\$5.00	\$38.00
8 ".....	.12	1.15	7.00	60.00
9 ".....	.16	1.75	11.00	90.00
10 ".....	.20	2.00	14.00	120.00
11 ".....	.25	2.50	17.50	150.00
12 ".....	.25	2.75	20.00	180.00

POT STANDS OR SAUCERS.

Size.	Each.	Per doz.	Per 100.
4 inch.....	\$0.02	\$0.20	\$0.80
5 ".....	.03	.25	1.15
6 ".....	.04	.30	1.75
7 ".....	.04	.35	2.25
8 ".....	.05	.40	2.60

Size.	Each.	Per doz.	Per 100.
9 inch.....	\$0.05	\$0.50	\$3.60
10 ".....	.06	.60	4.50
11 ".....	.08	.75	5.50
12 ".....	.10	1.00	7.00

Pots and saucers are of white color, except two-inch to six-inch pots, which are dark red.

BULB OR FERN PANS.

Size.	Each.	Per doz.	Per 100.
6 inch.....	\$0.07	\$0.60	\$3.50
7 ".....	.08	.80	5.00
8 ".....	.10	1.00	7.00

Size.	Each.	Per doz.	Per 100.
9 inch.....	\$0.15	\$1.50	\$10.00
12 ".....	.20	2.25	15.00

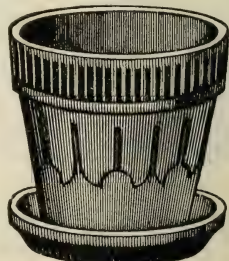
PAINTED POTS AND SAUCERS.

These are fancy pots and saucers beautifully painted. They are very ornamental, and prices are nearly as low as those of plain goods. These prices are for pots with saucers.

Size.	Each.	Per doz.	Per 100.	Size.	Each.	Per doz.	Per 100.
4 inch.....	\$0.07	\$0.60	\$3.40	8 inch.....	\$0.13	\$1.75	\$11.50
5 ".....	.08	.75	5.50	9 ".....	.25	2.50	16.00
6 ".....	.10	1.00	6.50	10 ".....	.30	3.00	20.00
7 ".....	.15	1.40	8.25				

250 at 1000 rate. 25 at 100 rate. ½ dozen at dozen rate.

A small appropriation when "money's easy," put into a new seed drill or hand cultivator, would be one of the best investments a farmer or gardener could make. It will save time and labor and will bring profitable returns for many years.



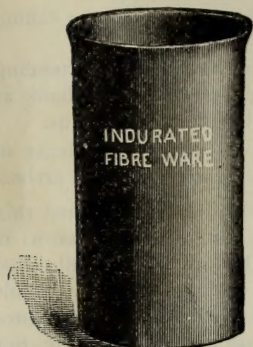
BETTER THAN CROCKERY.

MADE OF INDURATED FIBRE WARE.

Extremely light in weight, but so tough that they will stand more use and misuse than any other material used for similar purposes!

Have neither seams, joints or hoops!

Always sweet, clean and dry.



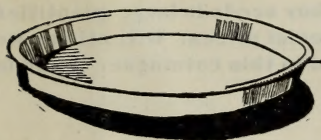
FLORISTS' VASES.

Especially designed for cut flowers.

Diameter Inches Inside	Depth Inches Inside	Order by No.	Per Doz.	Diameter Inches Inside	Depth Inches Inside	Order by No.	Per Doz.
8	13	0	\$4.80	5½	18	11	\$5.40
5½	10	1	4.20	4½	15	22	4.80
4½	9	2	3.60	4	12	33	4.20
4	6	3	3.00	3	9	44	3.60
3	4½	4	2.40	9	29	000	18.00
9	22	00	9.00				

FLOWER POT SAUCERS.

Far cheaper in the end than earthen ware. Are not porous and will protect wood work, tables, etc., on which plants are to stand.

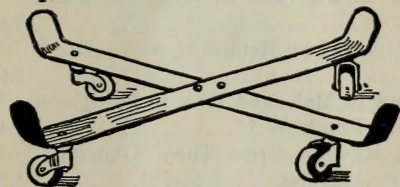


Inch	Each	Per Doz.	Inch	Each	Per Doz.
4	\$0.06	\$0.70	14	\$0.25	\$2.25
5	.07	.75	16	.35	4.00
6	.08	.80	18	.40	4.50
7	.09	.90	11	.12	1.20
8	.10	1.00	12	.15	1.40
9	.11	1.10	13	.18	1.50
10	.12	1.20	14	.20	2.00
12	.15	1.40			

ROLLING STANDS.

4 small sizes with separate stands, 2 larger sizes attached direct to the shallow dish—all with ball-bearing casters.

Will save floors, carpets, rugs, because heavy plants can be shoved around from place to place as easily as a light table.



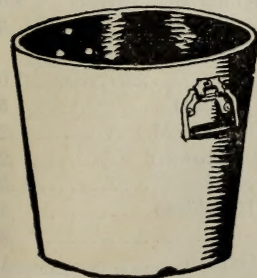
(For 4 small size saucer as above sits in this platform.)

Outside Diameter About	Will take Pot of Diameter at Bottom	Casters	Each
12 inches	10 inches	3	\$0.70
14 "	11 "	3	0.75
16 "	13 "	4	0.85
18 "	15 "	4	1.00
20 "	17 "	4	1.25
22 "	20 "	5	1.50

PARLOR PLANT TUB.

Is a new specialty—lighter, cleaner, dryer and in every way better than the old-fashioned wood tubs.

It never shrinks or leaks. ¼ dozen in crate.



Per Dozen	Diameter at Top
\$ 9.00	12½ inch
12.00	13½ inch

ABOVE PRICES SUBJECT TO THE FOLLOWING DISCOUNTS:

10% on orders amounting to \$10.00. 20% on orders amounting to \$25.00 or over.

How to Order.

Be sure to sign your name, postoffice, county and State plainly on each and every letter sent us. Write any questions requiring answers, separately from the order. Money can be sent safely by express money order, postoffice money order, bank draft, or registered letter. If not convenient to get a money order or draft, enclose the cash in your letter and HAVE IT REGISTERED. Any postmaster will register your letter upon payment of 8 cents. Postage stamps will be found a convenient method of remitting small amounts, and we can use them to advantage.

OUR TERMS ARE CASH WITH THE ORDER

And remittance in full should accompany every order. We sell goods so close to cost that we cannot take risks on doubtful accounts, nor allow for losses from bad debts.

Unless you are personally known to us or in a business where we can learn your financial standing from the ratings in the commercial agencies, or we have a satisfactory guarantee from your bank as to your responsibility, it is useless for you to ask us to ship goods on any but the above terms.

We will ship goods C. O. D. when 25 per cent. of the amount of order is sent as an evidence of good faith, and to cover express charges on the shipment in case the goods are not paid for on arrival.

Do we Guarantee or Warrant Our Seeds?

Do we guarantee or warrant our seeds? We are often asked this, and our reply in every instance is—We do not, for this reason: it matters not how fresh or pure seeds may be, crops may fail, most of the failures being due to causes beyond the control of the seedsman or the planter—unfavorable weather or soil conditions, ravages of insects, etc., which render it impossible for us to guarantee success under all circumstances, and in common with all seed dealers throughout the country our goods are sold subject to the following disclaimer:

"We give no warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds, bulbs or plants we send out, and will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned."

It must however be plain to every purchaser, that it is to our best interests to send out only such stock as will not only grow, but prove true to name and description.

Dealers, Market Gardeners, Farmers, Clubs or Societies who buy seeds in large quantities can save money by sending us a list of their requirements for special prices. Oftentimes we can make much lower prices for large quantity than those quoted in this catalogue. Send in your large list for estimates.

BOOKS ON AGRICULTURE, ETC.

SENT POSTPAID AT PRICES GIVEN.

Agriculture, A. B. C. of (Weld).....	\$0.50	Horse Keepers, Hints to (Herbert, H. W.)....	\$1.50
Bulb Culture (Henderson, Peter).....	.25	Horse, How to Buy and Sell the (Howden, P.)	1.00
Bulbs and Tuberous Rooted Plants (Allen, C. L.)	1.50	Horse Book, American Reformed, 8 vo. (Dadd, G. H.)	2.00
Cabbage, Cauliflower and Allied Vegetables (Allen) .....	.50	Manures, How to Make and How to Use Them (Sempers, Frank W.) .....	.40
Cabbages, On (Gregory) .....	.30	Mushrooms, How to Grow Them (Falconer, William)	1.00
Carrots, Mangel-Wurzels, etc., On (Gregory). .	.30	Mushrooms, How to Grow.....	.10
Cattle Doctor, 8 vo. (Dadd, Prof. George H.)	2.00	Onion Culture, The New (Greiner).....	.50
Cattle Doctor, 12 mo. (Dadd, Prof. George H.)	1.00	Plants, Handbook of (Henderson, Peter)....	3.00
Celery for Profit (Greiner, T.) .....	.20	Potato Culture, A. B. C. of (Terry) .....	.35
Drainage, Farm (French)	1.00	Profits in Poultry and Their Profitable Management	1.00
Farm Gardening and Seed Growing (Brill)....	1.00	Silos, Ensilage and Silage (Miles) .....	.50
Fertilizers, On (Gregory) .....	.40	Spraying Crops (Weed, Clarence M.) .....	.25
Floriculture, Practical (Henderson, Peter) ...	1.50	Spraying for Profit (Weed, Howard E.).....	.20
Flowers for Every Home (Darlington).....	.10	Squashes, On (Gregory) .....	.30
Gardening for Pleasure (Henderson, Peter)...	1.50	Sweet Peas, Up-to-Date (Hutchins).....	.10
Gardening for Profit (Henderson, Peter).....	1.50	Tomato Culture .....	.35
Garden, Money in the (Quinn).....	1.00	Vegetables for the Home Garden.....	.10
Ginseng (Kains, Maurice G.).....	.35		

This is but a partial list of the books we can furnish. We can supply any book on Rural and House topics, published in the U. S. Send for descriptive list mailed free.

VALUABLE TABLES.

Quantity of Seed requisite to produce a given number of plants and sow an acre of ground.

	Quantity per acre.
Artichoke, 1 oz. to 500 plants.....	½ lb.
Asparagus, 1 oz. to 200 plants.....	5 lbs.
Barley.....	2½ bu.
Beans, dwarf, 1 qt. to 150 ft. of drill.....	1½ bu.
Beans, pole, 1 quart to 200 hills.....	½ bu.
Beet, garden, 1 oz. to 100 feet of drill.....	10 lbs.
Beet, Mangel, 1 oz. to 150 feet of drill.....	6 lbs.
Brocoli, 1 oz. to 3,000 plants.....	5 oz.
Broom Corn.....	10 lbs.
Brussels Sprouts, 1 oz. to 3,000 plants.....	5 oz.
Buckwheat.....	½ bu.
Cabbage, 1 oz. to 3,000 plants.....	5 oz.
Carrot, 1 oz. to 150 of drill.....	3 lbs.
Cauliflower, 1 oz. to 3,000 plants.....	5 oz.
Celery, 1 oz. to 10,000 plants.....	4 oz.
Clover, Alsike and White Dutch.....	8 lbs.
“ Lucerne, Large Red and Crimson Trefoil.....	8 lbs.
“ Medium.....	10 lbs.
Collards, 1 oz. to 2,500 plants.....	6 oz.
Corn, sweet, 1 quart to 500 hills.....	8 qts.
Cress, 1 oz. to 150 feet of drill.....	8 lbs.
Cucumber, 1 oz. to 80 hills.....	1½ lbs.
Egg plant, 1 oz. to 2,000 plants.....	8 oz.
Endive, 1 oz. to 300 feet of drill.....	3 lbs.
Flax, broadcast.....	½ bu.
Garlic, bulbs, 1 lb. to 10 feet of drill.....	2½ lbs.
Gourd, 1 oz. to 25 hills.....	2½ bu.
Grass, Blue, Kentucky.....	2½ bu.
“ Blue, English.....	2½ bu.
“ Hungarian and Millet.....	½ bu.
“ Mixed Lawn, 1 lb. to 600 sq. ft.....	3 to 5 bu.
“ Orchard, Perennial Rye, Red Top, Fowl Meadow and Wood Meadow.....	2 bu.
“ Timothy.....	¾ bu.

	Quantity per acre.
Hemp.....	½ bu.
Kale, 1 oz. to 3,000 plants.....	2 lbs.
Kohl, Rabi, 1 oz. to 300 feet of drill.....	1½ lbs.
Leek, 1 oz. to 250 feet of drill.....	4 lbs.
Lettuce, 1 oz. to 250 feet of drill.....	3 lbs.
Martynia, 1 oz. to 50 feet of drill.....	10 lbs.
Melon, Musk, 1 oz. to 100 hills.....	2 lbs.
“ Water, 1 oz. to 25 hills.....	3 lbs.
Nasturtium, 1 oz. to 50 feet of drill.....	10 lbs.
Oats.....	2½ bu.
Okra, 1 oz. to 50 feet of drill.....	10 lbs.
Onion Seed, 1 oz. to 200 feet of drill.....	4 to 5 lbs.
“ for Sets.....	30 to 50 lbs.
Onion Sets, 1 quart to 20 feet of drill.....	8 bu.
Parsnip, 1 oz. to 250 feet of drill.....	5 lbs.
Parsley, 1 oz. to 250 feet of drill.....	8 lbs.
Peas, garden, 1 quart to 150 feet of drill.....	2 bu.
“ field.....	2½ bu.
Pepper, 1 oz. to 1,500 plants.....	4 oz.
Potatoes.....	6 bu.
Pumpkin, 1 quart to 300 hills.....	4 qts.
Radish, 1 oz. to 150 feet of drill.....	8 lbs.
Rye.....	1½ bu.
Salsify, 1 oz. to 60 feet of drill.....	8 lbs.
Spinach, 1 oz. to 150 feet of drill.....	10 lbs.
Summer Savory, 1 oz. to 500 feet of drill.....	2 lbs.
Squash, Summer, 1 oz. to 40 hills.....	2 lbs.
“ Winter, 1 oz. to 10 hills.....	3 lbs.
Tomato, 1 oz. to 3,000 plants.....	3 oz.
Tobacco, 1 oz. to 5,000 plants.....	2 oz.
Turnip, 1 oz. to 250 feet of drill.....	1½ lbs.
Vetches.....	2 bu.
Wheat.....	1 to 2 bu.

Number of Plants or Trees to the Acre at given distances.

Dis. apart.	No. Plants.
½ foot.....	174,240
1 “.....	43,560
1½ feet.....	19,360
2 “.....	10,890
2½ “.....	6,969
3 feet by 1 foot.....	14,520
3 “ 2 feet.....	7,260
3 “ 3 “.....	4,840
4 “ 1 foot.....	10,888
4 “ 2 feet.....	5,444
4 “ 3 “.....	3,629
4 “ 4 “.....	2,722
5 “ 5 “.....	1,742

Dis. apart.	No. Plants.
6 feet.....	1,210
7 “.....	889
8 “.....	680
9 “.....	573
10 “.....	435
11 “.....	360
12 “.....	302
15 “.....	193
18 “.....	134
20 “.....	108
25 “.....	69
30 “.....	49

Weights of Various Articles in the State of Ohio.

	per bu. 48 lbs.
Apples.....	“ 22
“ dried.....	“ 48
Barley.....	“ 60
Beans.....	“ 50
Buckwheat.....	“ 46
Broom Corn.....	“ 14
Blue Grass, Kentucky.....	“ 24
“ English.....	“ 20
Bran.....	“ 60
Canary Seed.....	“ 46
Castor Beans.....	“ 60
Clover Seed.....	“ 56
Corn, shelled.....	“ 68
“ on ear.....	“ 50
Corn Meal.....	“ 22
Charcoal.....	“ 80
Coal, Mineral.....	“ 70
Coal, Cannel.....	“ 40
Coke.....	“ 40
Cranberries.....	“ 32
Dried Peaches.....	“ 56
Flax Seed.....	“ 44
Hemp Seed.....	“ 50
*Hungarian Grass Seed.....	“ 60
Irish Potatoes, heaping measure.....	“ 50
Millet.....	“ 34
Malt.....	“ 32
Oats.....	“ 33
Osage Orange.....	“ 14
Orchard Grass.....	“ 50
Onions.....	“ 50

	per bu. 48 lbs.
Peaches.....	“ 60
Peas.....	“ 8
Plastering Hair.....	“ 40
Popcorn.....	“ 50
Rape.....	“ 56
Rye.....	“ 14
Red Top Seed.....	“ 50
Salt, coarse.....	“ 56
“ Michigan.....	“ 50
Sweet Potatoes.....	“ 45
Timothy Seed.....	“ 56
Tomatoes.....	“ 60
Turnips.....	“ 60
Wheat.....	“ 200
Beef and Pork per bbl., net.....	“ 196
Flour, per bbl., net.....	“ 200
White Fish and Trout, per bbl. net.....	“ 280
Salt, per bbl.....	“ 70
Lime, per bushel.....	“ 4½
Hay, well settled, per cubic foot.....	“ 22
Corn, on cob, in bin, “.....	“ 45
Corn, shelled, “.....	“ 48
Wheat, “.....	“ 25½
Oats, “.....	“ 38½
Potatoes, “.....	“ 95
Sand, dry, “.....	“ 135
Clay, compact, “.....	“ 160
Marble, “.....	“ 5,616
Seasoned Beech Wood, per cord..	“ 6,960
“ Hickory, “.....	“

*In Chicago and all the other large seed markets of the country Hungarian is sold at 48 lbs. per bushel, so we are compelled to conform, and we buy and sell 48 lbs per bushel.

A satisfied customer can sell more goods for us in his own neighborhood than the most elaborate catalogue we could send out. We know this, as we have thousands of pleased customers who tell their friends and neighbors to send their orders to us. If you buy from us, and our goods please you, we want you to do the same thing.

Insect Pests are Multiplying

Protect
Your
Fruit



Vegeta-
bles and
Potatoes

Pat. March 16 and Nov. 9, 1897.
Pat. in Canada Nov. 2, 1897,
and Jan. 25, 1900.

Use **BUG DEATH** in the Garden.

A Non-Poisonous Dry Powder. SAFE, SURE, EFFECTIVE.

It Kills the Bugs!

Increases Yield and Improves Quality!

Insures Healthy Growth!

DOES NOT CONTAIN ARSENIC AND WILL NOT BURN OR BLIGHT THE PLANT.

Sure death to potato bugs, currant worms, vine bugs and all insects that destroy vines, vegetables or fruits; kills lice on cattle, also kills and drives ants from lawns. It is a very fine, tenacious powder—non-poisonous—contains no arsenic and does not burn or blight the plant. It adheres readily to the vines under all conditions and can be applied advantageously during damp or drizzly weather. When used on potatoes it keeps the vines green from ten days to two weeks longer, thus giving the potato more time to mature. May be applied in dry form, or with water, and also in connection with Bordeaux Mixture. It is sure to kill, quick in action, and when properly applied is of benefit to plants, as it keeps away rust and holds them in a green or growing state. Since this new bug exterminator was placed upon the market it has given the best of satisfaction and receives the fullest endorsement of all who have used it. The results obtained more than justify the difference in cost between this and any other preparation.

Prices:	{	Bug Death	Per 1	lb. package	\$0.15
		is never	" 3	" "	.35
		sold in bulk.	" 5	" "	.50
			" 12½	" "	1.00
			" 100	" Keg	7.00

Ask us to send you our 16-Page Booklet with full information how to spray plants, fruit trees and shrubs with **BUG DEATH**.

Perfection Shaker, 65c. For applying Bug Death dry to Potato Vines.

WE ARE JOBBERS AND MANUFACTURERS' DISTRIBUTERS OF

BUG DEATH